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## The Prez Sez

Submitted by Club President Jack Grimmett, N7IHS



I was planning on addressing how the Club might approach being all things to all members but I got side tracked by a discussion held at the last Board meeting. Chuck Jones (N7BV) visited the Board meeting and expressed concerns about how the Club handles new members. This is not the first time that this issue has been raised but the Board and the membership have never really spent the energy necessary to solve this problem.

Five years ago we had approximately 185 – 190 members. In recent years the membership has gone as high as 225 but tends to hover around 200 – 210. It seems like that every meeting we approve 2-3 new members, which means that we should increase our membership by at least 24 members each year. So why isn't our total membership increasing? Every month we lose a number of members because of non-payment of the annual dues.

The number of members that we lose about matches the number of new members that we gain. These numbers tend to support the concerns that Chuck Jones expressed.

I need to depart from this line of thought for a moment and discuss what the Mike & Key ARC is and what we have to offer to the general membership. I cannot judge where the Mike & Key ARC stands relative to the other major amateur radio clubs in the United States but I have to think that we are among the elite. There are not many clubs that have the annual budget that we have and consistently score as well as we do at Field Day. Not many clubs can allocate \$6,000 to replace a functioning but out-dated repeater. Not many clubs can donate \$1,000 to the ARRL frequency defense fund.

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## 2000 WRTC in Slovenia

Submitted by Michael Dinkelman, N7WA



The May General meeting program will be a visit from Ward Silver, NOAX. Ward attended the World Radio Team Championships (WRTC) in Slovenia last summer. Ward was one of the judges that monitors each team but is working hard to become a participant in the actual competition next time around.

Ward is a great QRP CW tester and Vice President of the Western Washington DX Club. He is also an extremely entertaining speaker. Those of you who remember the first WRTC in Seat-

tle (it's birthplace), will certainly want to see how the Slovenian's did it. Even if you don't care about contesting, the scenery of Slovenia, an ancient and mountainous country is beautiful. You don't want to miss this program.

Of course, the June program period is dedicated to Field Day preparation. Event Chair (Alan Hughes) and his Band Chairs will be available to make those last minute decisions and answer questions about that most enjoyable Club event – a Fort Flagler Field Day.

**Dear Members,** I was joyfully surprised as I received the letter of my club with the brochure and pamphlet of the "Amateur Radio Special Events & Information". Therefore I heard the news of the activities of Mike & Key. Thank you for the letter which I got after many years of silence during my absence and I assume there was Michael (N7WA) he sent it to me. I'm greeting all members of the club. So we have got a new president Jack (N7IHS) and management committee with future executions. I wish them great success. I'll read all the news in the "K7LED Relay" brochure and will answer when I'll get more time. Next week we'll start because we are invited to a ham-friend at Cannes on the shore of Mediterranean Sea (France). There will be a big meeting of all friends who are meeting every Tuesday morning on the 40 m-band (F5LOA;F5PVV;F5VDD;F5VCA;OE7MPI;F/DL4YDN;OE3PJA etc). Some of them I have never seen before. My club here "P03-Friedrichshafen" celebrated its 50 years anniversary without any break (or continuously). The ceremony and celebration took place at the big townhall "Graf Zepellin" of Friedrichshafen. It was a big celebration with many guests and officials. There were a special honouring of three members who found the club for 50 years and one of them who was president for 16 years. He is actively now and my friend. I'll report about the celebration when I'll get the pictures and send to you or bring with me at fall. Next time we'll get visitores from members of the Mike & Key Club here. The winter was very mild without snow but on month April it began to snow till last sunday. I send a picture postcard of my village "Laimnau". This picture was taken not far away from our house on a small foothill left. The grey fields are hop gardens. When you exactly look you can see the "Lake Constance" the Switzer shore, foothills and mountains. Next days we'll do our yearly spring bicycle tour at the bank of the river "Argen" to the lake what will take 35 minutes. Many greeting to all members Yours Ingrid & Gerhard (DL8GBP & KC7MAK). (73)!!

*Ingrid & Gerhard*



## Larry Logan, N7USB - Silent Key

Submitted by Michael Dinkelman

A Memorial was held for Mike and Key member Larry Logan, N7USB on April 14<sup>th</sup>. The small gathering of friends, workers, and family was held at the Museum of Flight at Boeing Field. Larry was a member of the Civil Air Patrol and Future Farmers of America before graduating from Kent-Meridian High School in 1963.

Upon graduation, Larry served in the US Air Force. Following his stint in the Air Force, Larry became a member of the US Postal Service in the Seattle area

and served for 27 years before retiring last year. Because of his schedule, Larry wasn't able to attend many Mike & Key meetings but still managed to procure one of the coveted Station Plaques which was proudly displayed along with the rest of the Memorial memorabilia.



Larry will be missed.

## When Disaster Strikes, In Your Neighborhood... Who They Gonna Call?

Submitted by Mark Whitaker, KD7KUN

Let's start this article off with a little quiz. Do you feel that you are fully prepared for assisting in a disaster? O.K., now then, did you attend the Communications Academy 2001? Keep reading, we'll get back to the quiz a little later.

If there is something I learned a couple of decades ago, you can never be too prepared or trained for a disaster or other emergency. I have had the good fortune of being at one time a Red Cross instructor and working within the Cowlitz

County Sheriffs Department (I was working with both during a little incident that occurred back in 1980 that you may have heard of...Mt. St. Helens). It is with this perspective that I determined that I should go to the Communications Academy in April (yep, I played hooky from the M&K meeting).

Since I am new to amateur radio I decided it would be best for me to start from the ground up (learning more about the

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potential emergencies/disasters that could befall us and how to deal with them). I will save the classes on PSK31, ATV, APRS, Incident Dispatch, and Net Control next year. My personal feeling was that I couldn't have asked for a better gathering of seminars and speakers than were available at the Academy!

After the usual milling around of HAMS that occur at any event/meeting we all gathered in the main auditorium to hear this years guest speaker, Jerry Wellman. Jerry came in all the way from Salt Lake City to give this keynote presentation and has more qualifications for giving such presentation than I can remember (what I do recall is that he was an Eagle Scout, an EMT and currently a Lt. Colonel in the Civil Air Patrol). Jerry did a great job of setting the tone for the Academy and, at least for me, helped instill a desire to learn how to truly hone my skills as a communications volunteer and learn about public service as an amateur operator. After the keynote address everyone departed for their first seminar of the day (each time block for seminars had three different seminars scheduled).

My first stop, on the way to becoming knowledgeable of disasters, was "Volcanic Threats in Washington State." This class was instructed by Carolyn Driedger, a hydrologist with USGS, and dealt primarily with Mt. Rainier due to its proximity but we did have quite a bit of discussion on other mountains in the area.

The next class that I attended dealt with the WA State RACES Plan and Emergency Worker Registration, this was taught by Allan Josue (Telecommunications Planner with the State Emergency Management Division). This was of particular importance to me as I did not have any knowledge of this entailed, I still have a great deal to learn about the WA Administrative Code 118.04 (any discussion of state laws always takes more time than you have at the time). If you're interested in learning more about the WA State Emergency Services take a look at their website at [www.wa.gov/wsem/](http://www.wa.gov/wsem/).

To round out the first day (and adding a little more to my paranoia) was Ferruccio Crocetti, from the Department of Emergency Management, talking about "Floods, Fires and Pestilence." Ferruccio has the unenviable job of planning ahead for all the nasty, natural disasters that may befall the state of Washington (one wonders how a person with a job like this can relax after a day at the office).

Ahhh, but the first day of discussion was only the tip of the iceberg (fortunately, icebergs were not on the agenda of disasters); the next day I started out with a class taught by Captain Randy Hansen of the Seattle Fire Department talking to us about "Bioterrorism, Hazardous Materials and Weapons of Mass Destruction." If you take this class in the future, be prepared from some "surprises" and some really eye opening information (Randy even had some examples of devices concocted "after work and a few beers" by himself and a few of his associates). This class defi-

nately notched up the paranoia scale a wee bit!

So, after all the "bad" news of what can happen I walked into a seminar entitled "Personal and Neighborhood Preparedness" taught by Dr. LuAnn Johnson, Manager of the Seattle Disaster Aid and Response Program. While the subject matter still dealt with disasters and emergencies the subject matter did give one a little bit more hope for surviving all the aforementioned disasters. If you live in a community that is just starting up a community preparedness plan (or even if you have one in place), I would recommend going to [www.cityofseattle.net/emergency\\_mgt/gettingPrepared/gettingPrepared.htm](http://www.cityofseattle.net/emergency_mgt/gettingPrepared/gettingPrepared.htm) or contacting Dr. Johnson to learn more about Seattle's SDART program.

All of this now leads us into the Team Field Exercise (this effort was put together by the team leaders that attended the Exercise Design and Incident Command System courses during the previous day and a half). I would have to say that this was actually the highlight of the Academy and really provided some key issues that I think are important. But, let's look at the scenario put out before us; Godzorra (no, that isn't a typo) has arrived in Seattle and boy is he...well, um, hacked off. The city has responded with several fire and police units and the Governor has called out the National Guard (no, I didn't see anyone's mouth movements not match their words...though I am sure some tried!). Of course, the fire and police trunking systems have bit the dust and the amateur operators are the main source for communications.

This training exercise pointed out one major thing right away...we needed more practice in how to provide communications!! I felt at times that we might have been better off giving ourselves tactical signs of Larry, Curly and Moe and/or Groucho, Chico, Harpo and Zeppo (I have dibs on Curly myself); everyone there put in a great effort but most of us had never been in a situation that called for emergency communications nor were there many of us that had participated in disaster drills. It was painfully obvious to quite a few of us that there needs to be more training for the amateur radio operators when it comes to emergency communications (as the saying goes...practice, practice, practice).

Overall, I would say this was two days well spent and my thanks to the many unsung heroes who spent countless hours working on getting this event scheduled and making it something that I will look forward to again next year!! Oh, as for the quiz at the start of this article...if you answered yes to the first question and no to the second; why weren't you there to share your knowledge and experience with the rest of us? If your answer was no to the first question and no to the second question...why weren't you there to better prepare yourself for when we are called upon to provide for the amateur radio **SERVICE**? The only thing missing from the seminar was you if you weren't there! Do think about attending next year, it will be worth your while.



## Satellites Anyone?

I am writing to you on behalf of the University of Washington Nano-satellite project. We are building a small ~15 kg satellite that will fly on the shuttle in '02 or '03. Currently we are having some difficulty building and testing the uplink system, and I was wondering if anyone in your club or in the amateur community would like to assist with our project? We are in need of someone with more practical experience than we have.

The details: We're flying a 450 MHz 1200 bps uplink using a resonant loop antenna and modified Tekk receiver with modem and TNC. A big problem is tuning the antenna impedance to 50 Ohms with a reasonable SWR. Seems to be quite an art to doing it.

If this sounds interesting, please contact me at the UW: 206-543-7748, or at home: 206-772-0183. Thanks

Sean Findlay  
University of Washington  
Dept. of Aeronautics and Astronautics



## Welcome

Please welcome the following new members to the Mike & Key who were voted in during the April meeting. May they pool their talents with the rest of us to make this an even better organization.

Gary Bryan (KG7KU) - Gary live in Federal Way and wants to work the SeaFair Parades. He holds an Advanced License

Wilber Keith (WB7CBW) - Wilbur is an Advanced Class Licensee from SeaTac. He is looking towards Public Service and maybe attending Field Day.

Tyler Gill (KD7MJO) - Tyler is a 12 year old Technician from Ravensdale. He say the Mike & Key is fun, everyone's nice.

Mitch Gill (KD7LZU) - Tyler's father, Mitch is a General class and soon hopes to be K7TUT, Check out his fun articles else where.

Rhett Skelton (WL7CTQ) - Rhett is a Computer Science's student at SPU and Technician.

Jasmine Ashford (NOCALL) - Jasmine enjoys the fellowship of the Club and hails from Federal Way.

## Committee Reports

**Technical Committee** - There is no technical committee. I am willing to talk to anyone who is interested. Committee Liaison, Steve Kaney, N7MUT

**Public Service Committee** - Minutes. The meeting began @ 1900 Hours, Thursday May 10<sup>th</sup>. The meetings was held in the Digicolor Inc. lunchroom at 1200 Stewart St. downtown Seattle.

### **Attending:**

Steve Cook/KD7IQL    Bary Bryan/KG7KU  
Dan Humphrey/N7QHC    Rhett Skelton/WL7CTQ  
Brendan Burget/KD7IKV

The members decided to postpone selection of a chairperson until we can convene a meeting with more of the interested parties in attendance.

Rhett Skelton WL7CTQ has agreed to be committee secretary.

### **Major topics of discussion:**

What do we want to promote or what is the scope of the committee going to be.

Write mission statement

Emergency preparedness through parades and other operations

Promotion of Amateur Radio. i.e. finding new hams.

Public awareness and local press coverage

Should we establish a committee e-mail reflector?

Look into making a booth for public events

Brainstormed ideas for activities.

Jamboree on The Air

Participate in mall events and safety fairs

Central district events

How do we find organization that need communications support

Find more activities for the committee

Meeting adjourned at 2000 hours.

The Public Service Committee will have a meeting right after the next general meeting. All interested are invited to attend.

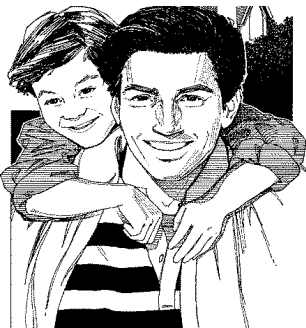
**The Prez sez (cont)***(Continued from page 1)*

Currently we are operating like a 'repeater club'. If a person gets their membership application in prior to a Board meeting they are approved by the Board and by the general membership at the next monthly meeting. There is no requirement that the new member participate in Club functions or contribute any thing to the Club, other than dues. We do not need new members for their dues. It has been pointed out in the past that the annual dues barely cover the cost of printing and mailing of the Relay.

Is bigger really better? I would guess that in the past couple of years that we have less than 80 members who actively participate in our two major functions, Field Day and the Flea Market. I would also guess that we have only about 20-30 members who will volunteer to take an active leadership role in these functions. We consistently have between 60 to 70 members who attend the general membership meetings and they are usually the same people. Maybe bigger isn't better!

Maybe we should make the requirements for joining the Club more stringent like requiring potential new members to attend a least two consecutive meetings before their membership applications can be considered for approval. This used to be a requirement of the Club. Maybe we should require a new member to participate in either the Flea Market or Field Day as a condition for membership their first year. Finally we need to look at ourselves and see what the Club can do to make active membership more appealing.

It is time for the Board and the general membership to address the problem of how we nurture and encourage new members to be come an integral part of the Club and participate in the Club's functions. Right now I don't have a complete solution nor does the Board. I would like to hear your comments especially from members who have belonged to the Club a year or less. Please send your comments to me at n7ihs@aol.com and help us develop a stronger and more active Club.

**Introducing KD7LZR and KD7MJO****Submitted by Mitch Gill, KD7LZR**

A father is never more proud of a son then to see them walk in our footsteps, at least to walk the good part of that path. Ham Radio has been in my blood since the 1960's but due to events in my life I was only active about 10 years of that time. When I was first licensed as WN4TUT in 1969 at the age of 14, I was on the radio for 4 years straight. My

code speed ended up at 45 WPM on a hand key. I felt the General was too hard and at 18 pursued other endeavors while attending college. Those endeavors should have killed me but God was good and allowed me to continue my life and I joined the USAF at the age of 21.

In 1980, while stationed in Germany and working as the NCOIC of MARS, I got my General and for a few years I had a lot of fun working plenty of DX with a KWM2A, a 30S-1, and a full wave Rhombic on 20 meters and a 5 element beam up 150 feet on 10 and 15. With my German licenses (DA1ZG and DA2GL) I had a lot of fun going to the Novice bands and working voice to the many stateside Novices. What a shock when they heard me come back to them but that's what the hobby is about; giving back some of what we got. I remember a DX station doing that to me when I was a Novice and for the first time my parents could actually understand who I was talking to instead of having to explain what

those dits and dahs meant.

In 1983 I left Germany and became N7FWR stationed at McChord and again worked at the MARS station, became an Affiliate (AFA7BS), but went inactive after a year. In 1986, with renewed interest, I got back on the air but Tyler came along in 1987 and I dropped out again. The XYL had no interests and being newly married with a baby 10 months later, I finally gave up the hobby and suspected I would never return. As much as I loved the hobby I knew that it was not fair to the family and again, no one had the interest but me.

In January of this year Tyler, then 11 (he just turned 12 in April), asked me a question about CB radios. I immediately started describing Ham Radio and he got this look. You remember that look don't you? It's the same one we had when we first learned about this hobby. The one where your eyes would get larger and a look of both of active listening and excitement. Well, that look brought back a flood of memories and I got excited all over again and made a deal with Tyler. I would go get my General back if he would work hard on getting his Technician. That "deal" was not a deal but more of a pact. The rest is history as Tyler and I are having a lot of fun. My only problem now is that he has really challenged me as he is betting he will get his General before I get my Extra.

Right now Tyler and I have two separate Ham Shacks. His has the 6 meter and 2 meter rigs and mine

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**Introducing***(Continued from page 5)*

has the HF. Tyler has decided that he wants his own HF rig and antennas. We already have two dipoles on 80 and 20, his 6 meter beam and 2 meter quad. His mother is going to kill us after she sees the additional antennas. You see, I learned a valuable lesson; it is better to seek forgiveness than to gain disapproval. Oh yeah, I can see I will be asking forgiveness from his Mom a lot as Tyler and I build these antennas (he

wants a tower!).

We are enjoying our experience with the Mike and Key Club and you will see that Tyler and I will continue to get more active. I appreciate how you have taken Tyler under your wing as he grows up in this hobby. It means a lot to me and that is why we have joined this club. To all of Tyler's Elmers'; thanks as you continue to spark his love for the greatest hobby in the world.

## 1,000 MARBLES

(author unknown – off the Web)

submitted by Greg W7HRC

The older I get, the more I enjoy Saturday mornings. Perhaps it's the quiet solitude that comes with being the first to rise, or maybe it's the unbounded joy of not having to go to work. Either way, the first few hours of a Saturday morning are most enjoyable.

A few weeks ago, I was shuffling toward the basement shack with a steaming cup of coffee in one hand and the morning paper in the other. What began as a typical Saturday morning, turned into one of those lessons that life seems to hand you from time to time. Let me tell you about it.

I turned the dial up into the phone portion of the band on my hand radio in order to listen to a Saturday morning swap net. Along the way, I came across an older sounding chap, with a tremendous signal and a golden voice. You know the kind; he sounded like he should be in the broadcasting business. He was telling whomever he was talking with something about "a thousand marbles."

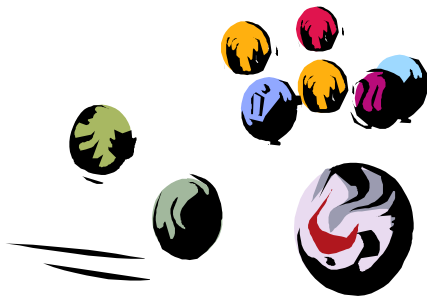
I was intrigued and stopped to listen to what he had to say. "Well Tom, it sure sounds like you're busy with your job. I'm sure they pay you well, but it's a shame you have to be away from home and your family so much. Hard to believe a young fellow should have to work 60 or 70 hours a week to make end's meet. Too bad you missed your daughter's dance recital."

He continued, "Let me tell you something, something that has helped me keep a good perspective on my own priorities." And that's when he began to explain his theory on "1000 Marbles."

"You see, I sat down one day and did a little arithmetic. The average person lives about 75 years. I know, some live more, some live less, but on average, folks live about 75 years. Now then, I multiplied 75 times

52 and I came up with 3900, which is the number of Saturday's that the average person has in their entire lifetime. Now stick with me Tom, I'm getting to the important part."

"It took me until I was 55 years old to think about all of this in any detail and by the time I had lived through over 2800 Saturdays I got to thinking, that if I ever lived to be 75, I only had about 1000 of them left to enjoy." "So I went to a toy store and bought every single marble they had. I ended up having to visit 3 toy stores to round up 1000 marbles. I took them home and put them inside of a large, clear, plastic container right here in this sack next to my gear. Every Saturday since then, I have taken one marble out and thrown it away. I found that by watching the marbles diminish, I focused more on the really important things in life. There is nothing like watching your time here on this earth run out to help get your priorities straight."



"Now let me tell you one last thing before I sign off with you and take my lovely wife out for breakfast. This morning, I took the very last marble out of the container. I figure that if I make it until next Saturday then I have been

given a little extra time. And the one thing that we can all use is a little more time."

"It was nice to meet you Tom, I hope you spend more time with your family, and I hope to meet you again here on the band. 75 year old man this is K9NZQ, clear and going QRT, good morning!"

You could have heard a pin drop on the band when this fellow signed off. I guess he gave us all a lot to think about. I had planned to work on the antenna that morning, and then I was going to meet up with a few hams to work on the next club news letter. Instead, I went upstairs and woke my wife up with a kiss, "C'mon honey, I'm taking you and the kids to breakfast." "What brought this on?" she asked with a smile. "Oh, nothing special, it's just been a long time since we spent a Saturday together with the kids. Hey, can we stop at a toy store while we're out? I need to buy some marbles....."

## MIKE AND KEY FIELD DAY 2001

<u>BAND</u>	<u>NAME</u>	<u>CALL</u>	<u>PHONE #</u>
80M	Harry Lewis	W7JWJ	206-523-9117
40M	Dean Holtan	N7NKO	206 444-4860
20M	Steve Kaney	N7MUT	425 277 39233
15M	Richard Pasquier		253-862-1157
10M	Ric Danielson	K7RIC	425-290-3440
6M	John Rehnstrom	WA7HQG	206 783 2489
2M	Steven Cook	KD7IQL	206-781-2293
PACKET	Mike Ross	KB7YXB	206-248-2295
CW	Mike Dinkelman	N7WA	253-631-3756
BARCKS	Rita Danielson	KD7CNU	425-290-3440
WGN MSTR	Jack Grimmatt	N7IHS	425-271-7955
FOOD	Wayne Heath	KC7ORB	253-639-1782
SECURITY	Harry&Mary Lewis		206-523-9117
INFO BTH	Dan&Dawn Humphrey		206-243-0163
SAFETY	Scott Robinson	AG7T	425-788-0162

This is an update to let everyone know that everything is coming together for Field day. I have the Chairs for all the bands and other duties which are shown. I have ordered the outhouses and the spraying. I have the Field Day pins which will be handed out on site to participants.

I will be out of town May 13-16th. I will have my cell phone if anyone has any questions that can not wait till the club meeting on Saturday. (253-732-9396) As most of you know, Tressie and I will be leaving for Germany on May 21. We will be back on June 12 in time for the June meeting. I have ask Carolyn Pasquier WV7Q to help out while I am gone.

If there are any questions please contact her between May 20 and June 12. Both Tressie and I are planning to be at Field Day arriving Thursday. As a side note—The antenna party last Sunday was a bust with only one person (JR1NKN/W7KN) showing up however, 20 meter antenna is looking good with a SWR of 1.5.  
Alan Hughes , KB7SVU

## Storage Trailer

Submitted by Club President Jack Grimmatt, N7IHS

The Mike & Key ARC has had a problem finding a dry storage area for our Field Day equipment. The tents have been stored in an opened trailer covered by a tarp for the past 10 months. The trailer belonged to Chuck Benefiel (N7STR) and he needed to use it so we had to come up with a place to store them.

Steve Cook (KD7IQL) volunteered to take the tents (in their boxes) to an available area at Sand Point and dry them out and clean them. He found at least one tent that was wet but no apparent damage to it or others.

The Board has discussed this problem at the last couple of meetings. There seems to be two options, renting a storage area or purchasing an enclosed trailer. Jan Van Allen (K7YH) looked into the cost of renting a storage area and found that it would run between \$40 and \$80 per month depending on the size.

At last month's meeting, members found two different

trailers. Dawn Humphrey (KC7YYB) reported that a friend of hers had an enclosed trailer he wanted to sell for \$500. Brendan Burget (KD7IKV) also reported that he knew of an enclosed trailer and the asking price was \$2,300. Brendan (KD7IKV) and Scott (KD7IQL) were asked to take a look at the trailer suggested by Dawn and report back to the Board.

I received a report from Scott concerning the trailer. The trailer is in good condition and the tires seemed to be OK. The trailer is 4-foot by 8-foot and about 5 feet tall. It has been out in the weather all winter but was dry and clean inside. I talked with Dan Humphrey (N7QHC) and he confirmed Scott's assessment. Dan will try to bring the trailer to the next meeting for the membership to look at.

The current approved budget does not have a line item that will support buying the trailer, therefore at the next meeting the general membership will be asked to approve an expenditure of \$500. Based on historical data, we should have sufficient surplus and the end of the year to cover the cost. At this time however, we do not know where those surpluses will occur.

## Don't mess with Texas?

By Peter Wang, KF5ND Submitted by Mark, KD7KUN

On the weekend of April 21 - 22 2001, 9000 bicyclists rode from Houston to Austin, Texas, on the two day, 180 mile Multiple Sclerosis Society fundraiser, or MS150. They were supported by a crew of more than 75 hams from communities all over Texas, utilizing multiple VHF repeaters, HF communication backbone, APRS, to provide communications for the event as it wound it's way through Texas. Hams were posted in ambulances, mobile medical roving

SUVs, police vehicles, sag vans, rest stops, and command centers. A tremendous amount of Emergency, Priority, and Routine traffic was handled, including traffic related to a fall which resulted in a critical brain injury. APRS provided exact accident scene coordinates for the Critical Air helicopter, which shaved valuable minutes off of the response time. The victim is now recovering in a Houston hospital. Other emergency traffic included many less severe head & neck injuries, broken collarbones, dislocated shoulders, road rash, bruises, dehydration, eye injuries, asthma attacks, and police incidents.



### Mike and Key General Meetings General Meeting Minutes, April 21, 2001

**Officers present:** President Jack Grimmer (N7IHS); Secretary – Curtis Hanner (N7MWC); Activity Manager – Mike Dinkelman (N7WA)

**Trustees Present:** Trustee #1 – Brendan Burget (KD7IKV); Trustee #3 – Steve Cook (KD7IQL); Trustee #5 COB – Alan Hughes (KB7SVU).

The meeting was called to order at 10:03 AM with all members and guests repeating the Pledge of Allegiance at the Salvation Army Building in Renton. Introductions of members and guests were made. The President made announcements regarding taking breaks on the west side of the building at the request of Salvation Army. The coffee and donut fund is self-supporting. We are an affiliated club are encourage to join and support the ARRL. Please sign the rosters at the table. Visitors are asked to refrain from voting on club matters requiring a vote.

**Minutes:** It was moved by Bill (N7YH) and seconded by Jo (KB7UFM) to approve the minutes of the March 2001 meeting as printed in the Relay. The motion was approved

#### Officer Reports

**President:** Jack (N7IHS): We have a number of awards to give out that were not given out at the banquet. Phil Lester (WA7PMJ) received a 5 year award. Jack Burrell (N7ZS) received a 20-year award. Dan Humphrey (N7QHC), Dawn Humphrey (KC7YYB), Ned Ackerman (N7PWR) and Sandra Dunkel (K7OZY) received an award for 10 years of membership. Wayne Moddison (K6DOW) received an award for outstanding public service contributor. The president announced that we have a new slate of officers and that we are open for suggestions for improvement. If you have any suggestions or comments please give them to one of the officers. Mike (N7WA) was congratulated on his great work on the Relay. Jim (KD7BAT), the treasurer, was absent because of flight tests at Edwards Airforce Base.

**New Members:** The following new members were voted in unanimously  
Gary Bryan (KG7KU)  
Wilber Keith (WB7CBW)  
Mitch Gill (Tyler's dad) (KD7LZU)  
Tyler Gill (KD7MJO)  
Rhett Skelton (WL7CTQ)  
Jasmine Ashford (NOCALL)

**Vice President:** Not present

**Secretary:** Curtis (N7MWC): Had nothing to report.

**Treasurer:** Not present: Jack Burrell (N7ZS) filled in as acting Treasurer. Disbursements have been made for the flea market. Only other disbursements were for the relay and the banquet. We are within budget.

**Activity Manager:** Mike (N7WA): Advice sheets are on everyone's table if you are interested

please turn them in. Today's program is Brian Spindorf (KA7KUZ) who will present a slide show and information on amateur radio in Australia. New Twisted Key Society (TKS) member Chuck Jones (N7BV) got inducted into the secret society.

**Radio Officer:** Harry (W7JWJ): Not present, Harry and Mary are at the Spokane Ham Fest. Will discuss new repeater at the next board meeting.

**COB:** Alan (KB7SVU): Nothing to report at this time.

**Relay:** Mike (N7WA): People are happy with the last edition of the relay. Deadline is the 2<sup>nd</sup> Friday (May 11<sup>th</sup>) before the next General meeting.

#### Standing Committee Reports

**Jack N7IHS:** We need committee chairman. Lots of interesting activities to get involved in. If you are willing to be on a committee please express your interest.

**Facilities:** No report

**Public Service:** No report

**Strategic Planning:** No report

**Education:** No report

**Flea Market:** No report

**Picnic:** Dawn Humphrey (KC7YYB) – She talked to the man who previously ran the picnic and has not heard back. If you have any ideas about a location for the picnic please contact her, you can email her at [kc7yyb@juno.com](mailto:kc7yyb@juno.com). We are looking for someone who won't charge up an arm and a leg, but rather give us a good deal because we are a non-profit.

**Field Day:** Alan Hughes (KB7SVU): – He found out what is wrong with the 20-meter antenna. They put it together and someone has mis-marked the antenna and it was not assembled correctly. The elements were also in the wrong order. April 29<sup>th</sup>, Sunday at 1PM we will have an antenna party at his house to clean up the antennas and make sure that all the pieces are there and fit together without problems. All interested members are encouraged to attend. We are also working on fixing up the trailer.

**Alligator Award:** J. Van Allen (K7YH): Jan is the proud holder of the Alligator. The next recipient of the award was talking to a man with a very similar call, KD7NKO, and got carried away and timed out the repeater. Since the next recipient was not present Jan will continue to hold the award.

#### Old Business

There was no old business

#### New Business

Steve reported that there is a technician class next weekend on April 28 and 29<sup>th</sup> in Shoreline. Bill (N7YH) to talk about coffee and donuts. The coffee and donuts is always announced as a self-supporting fund. Periodically we need a cash infusion to keep the fund going. Bill makes a motion to have the club put an infusion of money into the coffee fund. Jack (N7IHS)

stated that we have funds and will discuss at the board meeting. Bill withdrew his motion.

Frank stated that he spent \$42 on donuts today. Frank stated that a donation of \$1 per coffee and donut would be sufficient to keep the fund self-supporting.

Jo Hallstrom (KB7UFM) wants to know the condition of the tents. Steve Cook (KD7IQL) reports that the tents have been taken to a hanger at Sand Point and have been opened up and dried out. Jo stated that she resented the lack of maintenance on the tents. Nils (W7RUJ) went to a lot of work on build storage boxes for the tents and no one is taking care of them. Everyone agree that no one was to blame and that we needed to make an extra effort to take care of the tents.

#### Good of the Order

Several members were unable to attend the spring banquet because it was sold out. Only 60 people were able to attend this year. Joyce (N7JPW) suggested that we look for a larger space for next year.

Brendan (KD7IKV)– Stated that Harry and Mary have left books for the next technician class. If you want to help out with the public service committee please see Brendan.

J. Van Allen (K7YH) has been appointed chairman of the By Laws committee. If you would like to participate in a review of the By Laws please contact Jan. If you know of problems or concerns with the By Laws please contact Jan.

Dick (WA7NIW) is running communications for the Husky crew races on May 5<sup>th</sup>. Please contact him if you are interested in helping out.

Ballard parade May 17<sup>th</sup> 5PM, parade starts at 6PM. If you are willing to help out please contact Gary (KG7KU). Talk in is 146.58.

There being no further business (Bill N7YH) moved to adjourn and J. Van Allen (K7YH) seconded the motion, Jack (N7IHS) closed the meeting at 10:56 PM.

Attested:  
Curtis Hanner, N7MWC  
Secretary

### Mike and Key Amateur Radio Club Board Meeting Minutes, April 25, 2001

**Officers present:** President Jack Grimmer (N7IHS); Vice President – Mark Whitaker (KD7KUN); Activity Manager – Mike Dinkelman (N7WA); Radio Officer - Harry Lewis (W7JWJ).

**Trustees Present:** Trustee #1 & Acting Secretary – Brendan Burget (KD7IKV); Trustee #2 - Steve (K7MUT); Trustee #3 – Steve Cook (KD7IQL); Trustee #4 - Mary (W7QGP); Trustee #5 & COB – Alan Hughes (KB7SVU).

(Continued on page 9)



(Continued from page 8)

**Visitors:** Jack Burrell (N7ZS), Richard Danielson (K7RIC), Dawn Humphrey (KC7YYB) and Chuck Jones (N7BV)

#### Officer Reports

**COB:** Alan Hughes (KB7SVU): Noted that he intends to run the meetings in an orderly fashion. You must be recognized by the chairman before you speak.

**President:** Jack Grimmett (N7IHS): Reported that he has been collecting the liaison assignments. Repeater to be on agenda. By laws should be changed only if they streamline or clarify. Trailer report: Antenna axels, hubs and bearings are shot. Costs so far are \$500. Generator Trailer: Allen will access the situation.

**Vice President:** Mark Whitaker (KD7KUN): Six pending applications. No new applications, has not received anything in the mail yet.

**Secretary:** Not present, no report.

**Treasurer:** Not present, no report.

**Activities Manager:** Mike Dinkelman (N7WA): April program was a success. May program is WRTC slide show. In June there is no program because we have Field Day. The envelopes used in mailing the RELAY were a success. Extra fun coming in July: Mariners, Pizza and more.

**Radio Officer:** Harry Lewis (W7JWJ): Repeater info submitted. Reported on repeater controllers: Nothing new on market from HAM manufacturers. Discussed some options for repeater controllers and their features. Jack calls for a schedule for proceeding w/ repeater and defining what the controller requirements are.

#### Committees Liaison Reports

**Technical:** No report

**Public Service:** Brendan Burget (KD7IKV): Called for people interested in being involved in the public service committee at the last general meeting. So far he has nine or ten people interested and a couple are interested in being chairman. He will be scheduling the

first meeting soon. If members has suggestions on what public service should do please send them to Brendan.

**Education:** Have two technician classes scheduled. One on 4/28 & 4/29 in Shoreline and another on 5/5 & 5/6 at Boeing rec.

**Strategic Planning:** Alan Hughes (KB7SVU): Two people committed to being on the committee and one more possible. No meetings will be scheduled until after Field Day.

**Facilities:** Mary Lewis (W7QGP): Steve & Brendan went down and looked at the equipment. Tents are dry, storage boxes need some work. Salvation Army Captain: We want use of another room for activities (classes, etc.) possibly the nursery. Frank is looking at getting better antennas for Salvation Army. Need to install equipment more permanently. We are loosing equipment and supplies. Jack asks about inventory. Revising and removing items from the list, it will be ready for the next board meeting. Keys, we are supposed to have 8 keys, we can only account for 7. Keys need to go through the radio officer.

**Field Day:** Alan Hughes (KB7SVU): 20m antenna has mis-marked elements. All were measured & re-located. The boom spacing was also wrong. Rotors and control boxes are in boxes and they are dry. Carolyn (WV7Q) will be helping w/field day preparation while Allen in gone. Current information is that everything is OK with the barracks for Field Day. Campground is also OK. Jack Burrell will call and see if there is anything we can do to help our relationship with the park.

**Picnic:** Dawn Humphrey (KC7YYB): Enumclaw needs a deposit & nothing else. Still looking for other locations.

#### Old Business

Steve Cook wants a list of tabled items then work on them first. Jack asks for emails on tabled items. Dawn (KC7YYB) has trailer 5 x 8 x 6 high insulated on top and plywood on the sides \$500. Allen reported that Scott's parents have a trailer that they would be willing to donate. Brendan saw a nice wells cargo trailer 5 x 8 x 4½ tall trailer; a woman selling it wants \$2300. Steve & Brendan, will go check on the trailer that Dawn saw and report back to Allen

& Jack. We will check with the treasurer to see what funds are available.

Harry reports that our repeater coordination is currently up to date.

#### New Business

Steve (KD7IQL) asks if audit committee looks at flea market books. A motion was made: "To audit Flea Market books, for year 2000 and 2001". Jack to appoint Audit Committee. Mark (KD7KUN) and Steve (KD7IQL) and Steve (K7MUT) volunteer to be on the committee. According to event calendar chairman of flea market to present results to board after the event. Jack will contact Jim and get audit information. Motion made to "Combine 2000 & 2001 calendar year Flea Market books & then audit those books. Future Flea Market books shall be audited on a yearly basis." Mike (N7WA) seconds the motion. The motion passes.

Chuck Jones (N7BV): New hams are not welcomed in to the club. He suggests that we streamline meetings in order to increase program attendance and good will towards new hams. There seems to be a general lack of direction in the club and that is impacting our expansion. Jack states that we can keep the levity and make club work better (speed up the meetings).

Motion presented to make several changes to the by laws concerning trustees and standing committees. A long discussion ensued. Steve KD7IQL withdraws his support and signature from the motion. No action will be taken on the motion at this time due to lack of signatures. The board recommends that the author(s) of the motion come to the next board meeting to explain and defend the changes to the by laws.

Motion made by Steve (KD7IQL) to approve the minutes as amended, motion passes.

There being no further business a motion by Jack (N7IHS) seconded by Mary Lewis (W7QGP) to adjourn was made, and the chairman closed the meeting at 9:20 PM.

Attested:

Curtis Hanner, N7MWC & Brendan Burget, Acting Secretary (KD7IKV)

## EDUCATION COMMITTEE REPORT

Submitted by Mary Lewis, W7QGP

A Technician class was taught for the Shoreline ACS and fire department April 28th and 29th with W7JWJ as instructor and myself as assistant. All students passed the Technician exam with a collective grade of 97%. Two students passed the General written and one non-student upgraded to General.

A second Technician class was taught at the Boeing Activities Center in Kent May 5th and 6th with WA7UEW, K7TNI, N7HRE and W7JWJ as instructors. All of the 13 students passed the Tech exam with a collective grade of 93%. Two students passed the General written exam and one non student passed the Tech with code exams. WV7Q, K7YH and myself served as VE examiners.

# A Typical Day with KD7MJO

Submitted by Mitch Gill, KD7LZR

If you want to have some fun just get on 2 meters, find Tyler, and ask him if he had a dollar, would he spend it on candy or save for a HF rig. I warn you that you will not get a typical answer. As a matter of fact you will probably spend an hour trying to convince Tyler of the virtues of saving while laughing at his responses. Sometimes I am not sure if he is having fun with the person on the other end of the mike or if he is serious but I guarantee you, as N7NZV found out, that he will have you laughing.

With that in mind I thought I would give you a taste of a conversation Tyler and I have had for many weeks now and No, I have not won the argument yet! As a preface you need to understand that Tyler has a hard time getting to bed at night and always likes to engage me in a conversation.

"Dad, I want the new Yaesu FT 817, that's the radio for me." I was amused and began to explain this was not a good idea, "Tyler, first it's too expensive but you could mow peoples lawns and with your allowance you could save for a couple of years and get it but why would you want a radio that only runs 2.5 watts on battery power?"

"Years? I can't wait that long, won't you buy it for me?"

"No Tyler, Mom and I can not afford to spend that on a radio and besides I don't think you want to run 2.5 watts."

"Yes I do. I can take it with me everywhere I go and talk around the world can't I?"

"Well yes but only if the conditions are right and besides....."

"Well, one of the bands will have the right conditions, won't they?"

"Yes, most of the time but if you are trying for a rare DX, it will be harder."

"So, what's your point?"

"Ok Ty, lets try a different tack. First, we will not buy the radio but if we did let me give you an example of what will happen. If I am running 100 watts and you are running 2.5 watts, who do you think would get the DX station first?"

Tyler's immediate response, "I will!"

"Now, how do you figure that?" I should have stopped here but now he has me going and I have to win this argument. I can not let a 12 year old win this battle but I should have known better.

"Well, Dad its simple. You have a dipole right?"

"Yes but what does that got to do with it?," I replied.

"Ok, remember you told me that if I got my General you would either buy me a beam or build one?"

OK. Being the smart Dad I see where he is going with this. "Yes Tyler, I remember and your point is that the beam has more gain but that does not mean....."

"Wait Dad, let me finish. When that beam is on top of the tower....."

"Whoa there partner. Where did the tower come from?"

"Come on Dad, you have to put the beam someplace and Mom already told you that we can not have any more antennas on the house, besides the TV rotor for my 6 and 2 meter antennas wont turn it, you told me that. Besides, I want a tower to put my beam on, they are so cool."

"Do you have any idea Tyler how much a tower costs?"

"No, but I bet you can get a used one for less than my radio".

"Wait a minute here son. We have gone from a radio, to a beam, to a tower and I have told you that....."

"Let me finish Dad. You asked me why I said that I would get the DX before you. You see, with the beam and the tower, and the radio I can't lose."

"Not necessarily Ty. You see, even with that gain and height you will not necessarily have a stronger signal it depends on....."

"I know Dad!"

"Then how in the world do you expect to get the DX station before I do?"

"That's easy Dad, I will be faster than you!"

"Go to bed Tyler."

"So are we getting the tower first? Remember that Ham at the club is selling his".

"Go to bed Tyler, Dad is tired."

## Field Day 2001

Submitted by Michael Dinkelman, N7WA

It's almost time for the annual trek to Fort Flagler. "Oh no!", you groan, "I'm tired of dragging out the RV or tent". Or, "last year it rained", "the antenna didn't work", "I don't like the organizer", "the mosquito's bite", "I couldn't work the hours I wanted". And on and on and on. Well, praise be, because if we get another shake of the earth just a few dB stronger than the last one - you are NOT the type of person we need around setting up and manning an emergency station.

OK... that was a bit strong. I'll be the first to recognize that Field Day is pretty light as an emergency exercise goes. At the Mike & Key, we make it a Club social event and try to have some fun as well. Yet, in many ways, it should test our abilities to handle new and unexpected situations. If we meet those tests with moaning and groaning rather than teamwork and cooperation, we might as well forget about our emergency capabilities. When the 20 meter beam doesn't work—what do you do? When the tree you used for an antenna support is

gone—what would you do? What happens when the wind is howling and it's raining over your operation? If the CW Beach crew TP's the upper site.... well, you get my point.

At Field Day, you learn, you test, you organize, and you adapt. I've been part of CW Beach for 15 years. There has yet to be a year, that something hasn't gone wrong, broken, been lost, or just plain screwed up. Yet, we learn something each time, become just a bit more efficient, and understanding of each others strengths AND weaknesses. I feel that we fully believe in ourselves as a TEAM! (By the way—we don't sign up our operators for operational slots. We assign them by their contribution to the effort.)

This year, allow yourself to think of Field Day in a different light. Sure, come down to have fun and get away from the rat race for few days. It's one of the nicest State Parks we have. But come down with the idea that you are going to gain OR impart experience, for one weekend, that will make the effort run better the next time the earth moves.

## The Mike and Key Reflector

Submitted by Michael Dinkelman, N7WA

The Mike and Key Reflector has been a great success. By that, I mean it is doing exactly what it was intended for—to foster a new communications channel among the membership. In the past month, about 40 members have signed up. Subscribers have received reminders for Club events, announcements, and a few people have used it as a forum to find articles, Morse tutors, and even opinions about specific radio's.

I want to thank those who have signed up and

made the list go. If you wish to join or see what this is all about, point your browser to the Home page at <http://groups.yahoo.com/group/mkarc>

See who belongs at:  
<http://groups.yahoo.com/group/mkarc/members>

Read the message archive at:  
<http://groups.yahoo.com/group/mkarc/messages>

Obviously, these are the people who know what is going on as soon as it happens. There is no cost to join, except annoying Yahoo ads, and you can unsubscribe at anytime. If you just want me to subscribe you directly, or have any questions, please send me a message at [mwdink@eskimo.com](mailto:mwdink@eskimo.com).

## From the Writer's Block

Submitted by Michael Dinkelman, N7WA



Wow!. Where was I? For the second month in a row, I have more material than I can print. ( I hate to call that a problem—keep it up!) I added an extra page this month just to get it all in. I continue to play with the format. This month I went to the Publisher program by Microsoft. I like the capabilities and I have barely touched on them. It may take a while before I settle down so be prepared for anything. The technology is so much better than when I did this the last time—I've been having a heck of a lot of fun.

Another thing that has made it fun is the writers who have been stepping up when asked. I know Mark (KD7KUN) is busy but he came through with an excellent and comprehensive article on last month's Academy. Mitch (KD7LZU) stepped up to the plate within moments of becoming a member and has written two fine articles about himself and his son. Then, he VOLUNTEERED to write articles about other new members as they come into the Club. How could I refuse? I think you'll like his easy going style. I also need to thank many of the Trustee's and Board members for responding to my call to "get it IN the Relay". However, this takes me to the soapbox portion of this month's column.

*(Continued on page 12)*

(Continued from page 11)

We are a Club with an active Board and a good newsletter. If something is going on, if an issue needs to be addressed, take it to the Board and the appropriate Committee. It'll get reported, addressed, and a decision made. Don't bog down the Club meetings with business best handled by the Board or a standing Committee. In addition, this newsletter is your newsletter. Wouldn't it be better for you to address the WHOLE Club with your issue, idea, or complaint instead of the limited membership in attendance? I'm not going to censure you and I know I write things down better in writing than announcing spur-of-the-moment motions. Otherwise, we are governing by initiative rather than by those we elected to run the Club. Why do I care? I have two reasons.

One. No, it's not because I don't enjoy "wrangling" by the membership at Club meetings—in fact it can be rather entertaining for a long time member such as myself. However, it's a turnoff for new prospective members. This is an issue this Board is highly in tuned too. Three people (two were elected members of the Board) at the last Board meeting said they had felt unwelcome by the members of this Club when they first attended. We are not talking hand clapping at introductions or yelling "Welcome" Either they were totally ignored at such times as breaks or they felt there was nothing really here for them. Fortunately, they all persevered and didn't let the Club drive them away. It's not easy in a big group like this but this Board is working at

trying to be more welcoming in the future.

Number two, because we tend to run our business meetings way too long (one hour average), Club members are bailing out in embarrassing numbers following the break. When the Activity Manager brings in a live public speaker, who is taking his personal time to speak to us about our hobby, what does it say when 75% of the crowd bails? If you are not interested in programs—please let me know. It'll make my life a lot easier. OK. Myself, I've bailed many a time when circumstances require it (sometimes you just gotta go) or the program doesn't involve a LIVE speaker. However, if some one is taking the time to come talk to me—the least I can do is listen. The general Club meeting should be centered on the PROGRAM—not on business. When I go to a WWDXC meeting, business lasts for 15 minutes and we have a program. The lead article for each month's newsletter is about the PROGRAM. I would rather have half as many people show for the entire meeting (including program) than have it look like the membership could care less. It goes back to Jacks' theme—is bigger better? Or is a core of dedicated, involved, and interested members better?

So Please, take business to the Board and use the newsletter to voice opinions. By the way, this point is not addressed at any person, cliché, group, or subdivision within the Club. It's a general malaise that has overtaken the Club for several years now. Time to change. Soapbox closed.



New Prez....



30 YEARS— Steve Tillet

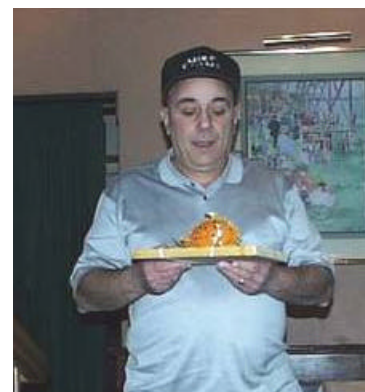


10 Years? - Nils

### 2001 Banquet Pix tnx to N7IHS



New VP in Beanie



Does it bite?



## Club's Night Out

Submitted by Activity Manager, Michael Dinkelman

This Club used to be famous for its extracurricular activities. We had Russians for pizza, went bowling, took a Ferry ride, and even tried crashing another Club's monthly meeting (just to say hi!). Some events were successful - some bombed - but never say we didn't try to have fun. (And the fun doesn't always have to involve radio's!)

Well, it's time to stir the pot again. I didn't run for this job to plan programs and sell raffle tickets. This Club is getting stodgy and needs some fun. Since the Mariners seems to taking the baseball world by storm (at least when I wrote this) - I thought we might try storming the Mariners. On June 6<sup>th</sup>, the Mariners will be having a group promotion night. Group tickets for top level bleachers will be \$7.50 a head instead of the normal \$15. Granted, these aren't the best seats in the house

but the price is right. Now the tough part. To qualify as a group, we need to have 40 people sign up. That seems like a big bunch but bring along the wife, a date, son, daughter, nephew or niece and we could have a nice sized group. The game in question is on a Wednesday evening and involves the Texas Rangers so you might even get the chance to boo A-Rod (if you care).

I know it's short notice but I need a commitment (and payment) by the May Club meeting. If we can't get the required signups, we'll just need to call it off and try again some other day. I thought of doing this later in the summer but after the first couple weeks in June, we hit Field Day, the July 4<sup>th</sup> holiday, and then Seafair which keeps a lot of members busy.

The time has come to bust out of the rut and to have some fun. Come join us for Club's Night Out at the Mariner's.

## WPX Contest

Submitted by Michael Dinkelman, N7WA

During Memorial Day weekend, the CW version of the WPX contest will be held. A multi-Op effort will be going from my home. The contest runs Friday afternoon to Sunday afternoon—48 hours. We can always use ops and this is a good tune up for CW Beach next month.

Feel free to drop by for a few hours or bring a sleeping bag and stay for the whole contest. We hope to be running two radios, amps, and we have a moderately good two tower system. As my former crews can attest too, I feed 'em good too. If you don't feel up to CW, come by and watch, we have a lot of fun. Any questions, you can contact me.

The *RELAY* is the official tabloid of the Mike and Key Amateur Radio Club. The Mike and Key is dedicated to the growth and betterment of Amateur Radio. We meet the third Saturday of every month at the Salvation Army Renton HQ, 720 Tolbin St., near the SE corner of the Renton Airport. The Club operates repeaters on 146.22-146.82 (PL103.5), and 222.52-224.12 under the call K7LED. The Club mailing address is: POB 4234, Renton, WA 98057. All persons interested in Amateur Radio are invited to participate in the Mike and Key Amateur Radio Club and it's activities. Yearly dues are \$12 for individuals and \$18 for families.

## Club Contacts

<b>PRESIDENT</b>	Jack Grimmatt	N7IHS	n7ihs@aol.com	425-271-7955
<b>VICE-PRESIDENT</b>	Mark Whitaker	KD7KUN	mcw@nwlink.com	425-881-6260
<b>SECRETARY</b>	Curtis Hanner	N7MWC	curtis@hanner.com	206-915-6145
<b>TREASURER</b>	Jim Eztwiler	KD7BAT	kd7bat@arrl.net	206-633-1512
		(for dues: 3935 Interlake Ave North, Seatte, WA 98103)		
<b>ACTIVITY MGR</b>	Michael Dinkelman	N7WA	mwdink@eskimo.com	253-631-3756
<b>RADIO OFFICER</b>	Harry Lewis	W7JWJ	w7jwj@aol.com	206-523-9117
<b>TRUSTEE #1</b>	Brendan Burget	KD7IKV	kd7ikv@arrl.net	206-297-3022
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<b>TRUSTEE #3</b>	Steven Cook	KD7IQL	kd7iql@arrl.net	206-781-2293
<b>TRUSTEE #4</b>	Mary Lewis	W7QGP	w7qgp@aol.com	206-523-9117
<b>TRUSTEE #5 (CoB)</b>	Alan Hughes	KB7SVU	kb7svu@juno.com	253-840-4947
<b>WEBMASTER</b>	Jim Eztwiler	KD7BAT	kd7bat@arrl.net	206-633-1512
<b>Chair Field Day</b>	Alan Hughes	KB7SVU	kb7svu@juno.com	253-840-4947
<b>Chair Picnic</b>	Dawn Humphrey	KC7YYB	n7qhc@juno.com	206-243-0163
<b>Badges/Logo</b>	Dan Humphrey	N7QHC	n7qhc@juno.com	206-243-0163
<b>Chair Fleamarket</b>	Hal Goodell	N7NW		253-549-4178

# May-June 2001

Sun	Mon	Tue	Wed	Thu	Fri	Sat
13 RN Mother's Day	14	15 DA	16	17 Ballard Parade PSN	18	19 <b>Club Meeting 10AM</b> MKN
20 RN	21	22 DA	23	24 PSN	25 WPX CW Contest	26 WPX CW Contest
27 WPX CW Contest RN	28 Memorial Day	29 DA	30 <b>Board Meeting 7PM</b>	31 PSN	1 NW Division Convention Seaside, OR	2 Wash.Special Olympics. NW Division Convention
3 Wash.Special Olympics NW Division Convention	4	5 DA	6	7 PSN	8 <b>Relay Deadline</b> Wenatchee Hamfest	9 Wenatchee Hamfest
10 Wenatchee Hamfest RN	11	12 DA	13	14 PSN	15	16 <b>Club Meeting 10AM</b> MKN

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