



K7LED

Relay

Volume 27, Number 6

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June, 1999

The Pre Sez

Alan Hughes, KB7SVU

June already, we all know what that means-Field day, fun, good food, great friends, fellowship, hard work and a great learning experience. If you have never been to field day you don't know what you are missing. I want to encourage everyone to try your best to make it out even if it's for just a few hours. For those of you that have never operated HF this is the time to give it a try. Afraid of making a mistake or not making enough contacts, don't worry there is always someone around to help or answer your questions. This is also the time to learn about antenna building and how to put up a tower. If you don't feel like operating the just come on up to visit. Remember this is our second biggest event and as a member of the Mike and Key Club you need to support the event. All you need to bring, besides yourself, is a good sense of humor.

I am going to take a few lines and talk about our monthly meetings. We have a great turn out for the business meeting but that is where it ends. It seems that after the meeting the building seems to empty. I realize that last month our speaker backed out at the last min. but when we have a speaker we need to show them some respect by staying for the program. If you do leave or stick around to chat please don't walk in and out of the room or talk in the meeting room during a presentation. One other item I am concern about is the lack of help setting up and takedown of the tables and chairs. If more people help the less each person has to do and faster the work gets done. Thanks!

Last month I mentioned about volunteering for a committee. Now is the time to expand on this. To me the Mike and Key club is nothing but a name without its members; each one of you is what makes up the club. The ideas that are brought to the board meeting comes from the committees though the Trustee who is a liaison between the board and the chairperson who comes from the participating membership.

The Trustee position is only as viable as the membership makes them. If you don't participate in the committees, the Trustees don't hear your ideas and voices. Committees were created to take your ideas and other members ideas beyond the mind into reality. They were created to promote discussion, participation, understanding and fellowship. A great place to bring the old and new ideas together.

The one thing I seem to hear when someone ask for volunteers is, I don't know what to do or I might make mistake. Don't worry there is always someone that has already done it that will help you. If you make a mistake so what its not the end of the world we will work together to correct it. Jump in there, get involved, and help the club and your fellow members.

To me the hardest part of being President is writing the monthly letter, so bear with me. See you at the next meeting and at field day.

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General Meeting Minutes, 5/15/99

Joyce Stroehrer, N7JPW

Officers Present: President - Alan (KB7SVU); Vice President - Calvin (KC7IYP); Treasurer - Chuck (WA7EBH); Activity Manager - Tressie (KC7BAL); Radio Officer - Harry (W7JWJ); Trustee #1 - Jack (N7IHS); Trustee #2 - Nils (WB7TJK); Trustee #3 - Jim (W7FKI); Trustee #4 (COB) - Mike (K7JML); Trustee #5 - Mike (KB7YXB).

The meeting was called to order at 10:05 AM with all members and guests repeating the Flag Salute at the Salvation Army Building in Renton. Please announce your name and call clearly for the secretary.

Minutes: It was moved, seconded and passed to approve the minutes of the April meeting as printed in the Relay.

Introductions of members and guests were done. Members are asked to take 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, please be a responsible member and join the ARRL. Please sign the rosters at the table. Visitors are asked to refrain from voting on club matters requiring a vote.

Officers Reports

President: Alan (KB7SVU) - Pins have been ordered for Field Day and will be handed out at the event. Code class after meeting. New member liaison needed, Al (KB7THX) volunteered.

Vice President: Calvin (KC7IYP) - Presented new member certificates to those voted as new members previously. Prospective members Joshua and Ted Mouser, and Atsushi Sasaki (JR1NKN) approved for membership.

Secretary: Joyce (N7JPW) - Has no report.

Treasurer: Chuck (WA7EBH) - Reports books are in good standing. Books available for members to see.

Activity Manager: Tressie (KC7BAL) - Has raffle tickets available. Will raffle prizes at end of meeting.

Radio Officer: Harry (W7JWJ) - States all repeaters working well. Antennas and a tower are needed for a school, see Harry.

COB: Mike (K7JML) - Hams are needed for Renton ARES / RACES group. See Dave KB7PSN for details. Information needed for web page to keep it up to date.

Relay: Jack (N7IHS) - Relays will be placed at Radio Depot for folks to pick up and see what our club is doing.

Committee Reports

Those committees not reporting in the RELAY are asked to report now.

Education: Meeting June 1st.

Public Service: Leif Erikson day is Monday, May 17 at 5:00 PM.

Long Range Planning: No Report

Technical: Next meeting prior to general meeting at 9:15 AM.

Fleamarket: Next meeting will be in September.

Picnic: Tressie (KC7BAL) reports the date as August 28 at the Auburn park.

Field Day: Nils unable to make FD, so Chuck (WA7EBH) and Chuck (N7STR) will co-chair the event. A discussion was held to get the rest of the band chairs appointed, and a general overview was given for new members on what to expect.

Wayne Heath (KC7ORB) was presented his MVP awarded for last FD.

New Ham Report: Al (KB7THX) is the new chairman.

Contest: Larry (N7USB) has no report.

Alligator: Chuck, N7STR, stated that the turkey did not appear to receive his gobbler award.

Good of the Order: Carolyn needs help for a library setup. Chuck, (N7STR) reported on a drinking water purification process. Will try and get more details. Tressie has more tickets to sell. Must be present to win.

There being no further business, it was moved, seconded and passed to adjourn the meeting at 11:05 AM.

Relay Deadline

Submittals for the July Relay are due to the editor by July 7, 1999. Early submittals would be appreciated

Dedicated to Carl Butler THE KEEPER OF THE LIGHT

Chuck Benefiel, N7STR

There once was a village in a faraway land, in which the people at night were surrounded by darkness. As the sun was setting each evening, the villagers would scurry to get home before night set in.

There was a house on a hill that no one had lived in for several years, and that no one could see when darkness set in.

Then one day a stranger came to town, and moved into the house on the hill. When nightfall would set in, the people in the village below, could see, because the glow from the house on the hill would light up the village. The stranger that moved into the house was known from that day forward as the keeper of the light.

Every night the light could be seen for miles around. Travelers were always welcome at the house of the keeper of the light, and they would stop to visit whenever they were in the area.

When the visitors would leave, they always took some of the light with them to help them see their way home in the dark. An amazing thing would happen at night when they had all left the house on the hill. Instead of the light growing dimmer, it would grow brighter, and shine a little farther than it did the night before.

The travelers would share with other travelers what they encountered about this wondrous house of the keeper of the light and every night there would be more visitors than the night before. The keeper of the light continued to share the light with everyone who visited, never turning anyone away.

Word spread far and wide, and the keeper of the light was never wanting for visitors or friends. He always shared the light with everyone, stranger or not.

For many years the keeper of the light shared his light with the strangers that came to his door, and he became known throughout the land.

Then one night the light grew the brightest it had ever been, and then it went out. Suddenly the keeper of the light was gone.

But the valley that surrounded the house on the hill did not turn dark, instead, a beautiful thing happened.

The house on the hill of the keeper of the light, glowed in the reflection of the light that shone upon it, from the homes in the valley, that surrounded it below.

And from that day forward, at night, on the horizon as far as the eye could see, the sky glowed from the lights of all the villages, in the valleys that surrounded, the house on the hill of the keeper of the light.

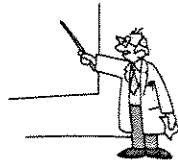
Some people in life take their gifts from God and waste them. Some people in life take their gifts from God and use them to become Hero's. Some people take their gifts from God and share them every day and become LEGENDS.

This story is dedicated to all the LEGENDS in life, and in my life, and for those in the Mike and Key Club that knew him, Carl Butler will always be a LEGEND.

From the W7JWJ Notebook

Operation Upgrade

Commitment – Part One



It was while I was in high school that I first saw a copy of the American Morse code in the back of a physics book. My buddy memorized it, as did I. We thought it would be a great way to pass secret notes in study hall. I also built a sounder and telegraph key copied from a picture in that same book. Surprisingly the sounder worked! Soon school was out for summer vacation and I began training for state swimming meet, but not for long. I had apparently contacted poliomyelitis and would spend the next several weeks paralyzed from the neck down.

As movement began to return to my arms I would drag my self across my room with my elbows like a seal out of water. One day I managed to pull myself up onto the stool of my work table and there before me was my homemade sounder and telegraph key. It was at that moment that I realized that although I fully expected to be confined to a wheelchair the rests of my life, I could earn a living as a Morse telegrapher and resolved to be the best and fastest telegrapher that I possibly could be.

That moment was also a new beginning for me as I entered the big wide world of telegraphy, electronics and ham radio, I began to meet some of the most wonderful people in the world. You also know some of them – they are members of the Mike and Key Amateur Radio Club.

Each member of our club is uniquely different. Some have a lifetime of electronic experience that needs to be shared, while others are the neophytes, either with a new license in hand or plans to obtain one and each such beginner is in need of an Elmer to lead the way. Out in the community and schools are the next generation of licensees and possible new club members that we must reach if our club is to grow in the new millennium. Each and every one of us must do our part.

The Education Committee is developing plans for new upgrade classes. You club members with the expert upcoming instructional classes will be asked to lend a helping hand. Perhaps you can share your experience and give a single concept presentation in the classroom before club meetings. There will be vacant slots to fill as instructors in the class. Take someone to Field Day. Can you present a club program? Yes you can! You may simply be asked to call on the telephone and ask, "Hey chum, how ya doin?" Take that first step now to be an Elmer – make it a commitment. It will be a lot easier than that first painful step I took – an Elmer on each side – as I learned to walk again during my recovery over 60 years ago. And for you the newcomer who signs to take a class, your signature is also a commitment to study, to upgrade and to fulfill the requirements of

the curriculum presented. The instructors can only point the way. If each of us does our part, together we can make the Mike and Key ARC the best radio club it can be.

CW Beach

Michael Dinkelman, N7WA

For those who can't make the June Club meeting, here are the plans for the CW Beach.

- 1) The challenge is on with the Western Washington DX Club. We may have to present them with a handicap on points depending on the number of stations we actually man.
- 2) The intention is to run one full CW station on the Beach. I've received little interest in CW operation except from the regulars, which is barely enough to keep one station fully manned. We will setup a second station in the same tent (if we have room) for any newbies that want to come down and play CW on a part time basis. The newbie band selection will be secondary to the run station but maybe we can get some mentoring going in the tent. A second tent will go up as shelter and hospitality suite for the Beach crew. If we can't fit the newbie station in the primary tent, it'll move to the hospitality tent. By the way, I have a new tent this year so kiss the "Yellow Sweatbox" goodbye. (I did save some sacred petrified Cheese Puffs from it though.)
- 3) Primary station will be TS940, laptop, TH6 tribander, phased 40M verticals, and (darn-near) full size 80M vertical. Secondary (newbie) station will be Icom 740, computer, Th3 Jr Tribander, and the available low band antenna. If you need a straight key, bring one. I have one but it's only used to ward off evil spirits that come down from the SSB bluff.
- 4) Setup starts on the Beach at 11AM on Friday and we usually have most everything running by 5:00 PM. Looking forward to working some Y'urp off the beach again on 20M after the potluck.
- 5) I won't have a schedule until Friday or Saturday – I try to be accommodating to everyone's wishes as to night/day shifts. Expect two hour shifts, you should be able to run alone (computer and radio). If we have dupers to run the computers for you, that's gravy. The club uses CT so that's what we'll use.
- 6) Any questions? Call me (253 631 3756) or write (mwdink@eskimo.com). I'll be at the Club meeting too.

Northwest Hamfests

Jack Grimmert, N7IHS

South Coast/Coos County Hamfest

July 31, 1999 - 9:00 AM to 3:00 PM

Brandon, OR

Talk-In: 147.38+ PL 103.5

Tacoma Electronics Flea Market

September 11, 1999 - 9:00 AM to 3:00 PM

Frontier Park (Pierce County Fair Grounds)

Graham, WA

Talk-In ; 146.610- PL none

Belling Ham Radio Flea Market

October 30th, 1999 - 9:00 AM to 2:00 PM

Ferndale Band Boosters Bingo Hall

Ferndale, WA

Talk-In: 146.74- PL none

My Friend, Carl Butler

Bill Balzarini, KL7BB

I had known Carl for 39 years, with many contacts on many bands and modes. He had been retired for what seemed like most of those years and devoted his time and efforts to the betterment of the ham radio community. His ham career spans from Vacuum tubes to transistors to computer IC's & chips.

Mobile Amateur Communication Systems, Inc. of Seattle, WA, and dated June 1, 1961 list him on page 16 of the Roster of 2-meter FM Stations in Western Washington. (When everyone converted commercial surplus.) He was on 2 meter 146.76 MC simplex when that was the first crystals you bought for your Main frequency. (MC, yes it was Megacycles then.) He was on 146.76TX, 146.58RX for the Seattle Repeater which also had an input RX for mobiles on 146.34MC. (Era 1964)

He was of the analog era when the only thing digital was the Morse code as it was sent only one bit at a time. His era spanned a telephone with a crank, to a rotary dial, to DTMF Dialing to a wireless Cell Phone.

Carl & Milly played a very important part in the success of the Mike & Key and the Annual Flea Market. Milly found the 1982 Longacres Site for us by attending a flower show there. Carl was part of the original crew that then had to do everything to make all it work. Carl always traveled well equipped to do just about anything. I remember sitting at his trailer site at Fort Flagler and having to rig new connectors for the latest HF SSB radio mic plugs, so that the 20-meter phone station could use the junction box for VOX and PTT and Logging. Carl was always able to keep pulling the *just* needed parts out of his hidden stash.

It has indeed been a pleasure knowing such a fine Ham Friend.

The Mike and Key Web Site

Jim Etwiler, KD7BAT

Based on the web site e-mail many visitors come to the web site looking for VE-testing times, club membership information, and general information about becoming Hams. Several recent new members joined Mike and Key ARC after visiting the web site.



Some visit the site just out of curiosity. Most visitors are looking for the same data Mike and Key puts in their annual information pamphlet, such as Public Service events, Network times and frequencies, Repeater frequencies, and general information about the club. Part of my job as webmaster is to keep this data as current as possible.

Our web site has a counter installed to gather data about how often our site is visited. Our "home" web site had 1230 visitors in the last quarter. Those visitors came from 18 countries. The most were from the United States, of course. And about three-quarters of the foreign visitors were from Canada, Germany, United Kingdom, Belgium, Netherlands, Norway, Japan, and France.

Web visitors are equally likely to visit the web site any hour between 7:00 AM and 12:00 Midnight Pacific Time Zone. Visitation rates the other 7 hours are less than 30% of the rest of the day.

The visitor's choice of web browser is split about equally between Netscape and Internet Explorer.

If you haven't already visited the web site at <http://www.mikeandkey.com/>, take the time and look. Send me an e-mail or other message if there is any thing you would like to see added. The web site is part of the Mike and Key image and I want to make it look the best.

Microwave Activity Day

Jim Christiansen, K7ND

Last year on July 17th the folks with microwave gear got together for a day of mountain top operating without the interference of a contest. Brainstorm of KD7TS. We usually have mw gear for the contests but all the lower frequency stuff distracts from enjoying yourself. The plan was for KD7TS and NU7Z to go roving in 4 different grids on bands 2.3, 3.4, 5.7 and 10GHz. Everyone else would trek up to Mt Craig where we usually contest from. This spot is almost 4000ft up in the NE corner of the Olympic Peninsula. The Mt Craig group were K7ND, K7NQ, N7MWV, W7YOZ, AA7VT and W7LHL. N3CEV was going to Mica Peak near Spokane. K7XW was going to be on a hill near Sunnyside and W7DSA was going to a hilltop near Skappoose, OR. Also,

KE7SW was operating from home on 3 bands.

The wx was perfect, which can pose a problem when there is no shade. Not everyone had gear for all the bands. I managed to work the rovers on 3.4 GHz in all 4 grids running just 10 mw with a 2-ft. dish. Signals were almost S-9 +20 for all contacts. K7NQ worked N3CEV on 2.3 who was running just 2 watts. W7LHL worked N3CEV on 2.3 and 3.4 if memory serves me right. K7XW and W7DSA were having rig troubles on 2.3 and no contacts with them were made. All of us worked the rovers in the 4 grids they went to on whatever bands we had gear for. KE7SW worked us on the mountain but had mixed results with the rovers.

A grand time was had by all and we are going to do it again this year on July 18th. The format has not been decided on as yet. We may all go to different grids without the benefit of a rover. No decision has been made but that we are going to do something.

Net Controllers Needed

Calvin Doss, KC7IYP

We need some volunteers to replace Jed as net control for the following dates at the 7:30 PM Wednesday night for the Mike and Key Check-In-Net.

June 30th, July 21st, August 18,
September 15 and 29, October 20
November 17, December 15 and 29

Or any of the dates you wish to take will help. You can contact me by E-mail at:

kc7iyp@aol.com

Buy, Sell, Trade, or Wanted



This column is available members and relatives or friends of member (no dealers please) who have electrical/electronic equipment (including computers and software) related to Amateur radio for sale or trade. Ads will be run for two months unless the editor is notified otherwise.

Estate Sale

- 2 Meter Alinco Amplifier, 5 watts in - 50 watts out, tested, \$50 or make offer.
- Icom 751 HF transceiver, \$350, needs work, estimate about \$150 worth, has P15 power supply, hand and desk mic.
- Icom R71 HF Receiver with remote, fair shape, \$450 or make an offer
- Nye Viking Tuner MVBA, fair condition, \$600 (\$800 new).

Contact Michael Dinkelman (N7WA) at 253 631 3756 or mwdink@eskimo.com

Confessions of a Dayton Virgin

Michael Dinkelman, N7WA



In 25+ years as a ham, I had never done the ultimate trip, a pilgrimage to Dayton, the Amateur Radio version of Mecca. I have heard all the stories about crowds, radios, and the immensity of it all. Last year, I followed some of the excitement of it as a voyeur on the Internet, all the time wishing I were there. This year, around February, I made the decision, Hamvention, here I come.

Diane wasn't thrilled with the idea but thought I should at least join in with others. I was fortunate at that time to find that fellow Club members Jimmy Sutton (K7NQ) and Jim Christiansen (K7ND) had an opening in their hotel reservations plus a vehicle. Great! Not only was I going to Dayton but I would be in the company of Hamvention veteran Jimmy (K7NQ) (K7ND was virgin like myself). Still, it was a long wait for May but I busied myself with learning all I could about Dayton and the contesting crowd via the Internet.

I flew out the Thursday before the event. I like to travel early and it was a good idea this trip. As I checked in at 6:00 AM, I found out the second half of my flight, Chicago to Dayton, had been canceled and I was rerouted to the next flight. That flight ended up being overbooked and was jammed full of Hams, many of whom I recognized. Still, I arrived in Dayton at 6:00 PM, only 4 hours later than planned. Unfortunately, those four hours caused me to miss a couple of parties that evening, as it was 8:00 PM before I was able to get situated at the hotel (the two Jim's had a later flight). Tired as I was from traveling, it was probably a better bet not to go out anyway. I surfed the TV, did some reading and K7NQ and K7ND finally arrived close to midnight. After some planning, we finally got to sleep Friday morning with plans to start an early day.

And we did... surprisingly! Maybe it was the adrenaline but by 7:30AM we were out and headed for the arena. The roads were full of vehicles with Ham plates. We parked out in "No-Mans-Land", which probably serves as pasture during normal times, a ten-minute hike and there was the center of Hamdom, O'Hare Arena. Uh Oh! The event wasn't open yet? It was certainly past 8:00 AM, what's going on? Shades of Puyallup, the Fire Marshall was doing his inspection and had a gripe with a vendor in the fleamarket. A few minutes later, all was well and it was time to troll the fleamarket.

The fleamarket at the Hamvention is truly amazing. Literally MILES of vehicles spaced outside the Arena. It really makes Puyallup seem small in comparison. Just looking at the vehicle license plates was an experience - it looks like everyone from east of the Mississippi drives, even from Florida. We took Jimmy's advice and started at the north end of

the fleamarket and worked ourselves back and forth. We all had different needs. The two Jim's are UHF/VHF enthusiasts so they were looking for plumbing supplies (that's what all that microwave stuff looks like to me!). I was after rotors or a Dentron MLA 2500 amplifier if available. I found rotors but they were overpriced as I continued my search. Within the first hour of my travels, I found my first 2500. Too much money and the owner wasn't there. Note the space number and continue on. A hour later, the second 2500 was spotted. These amps are notorious for having bad final tubes. The owner was adamant that these were OK. I don't know... I came back twice more before screwing up the courage to make my offer (he was asking way too much). Accepted! Huh? Not even a haggle? Did I just get flam-boozled? Only time would tell but I had a backup plan of eventually replacing the stock finals with Russian Svetlana 4cx800's. My next problem was how to get 50 pounds of heavy metal, 1/2 mile to the car. Well, I carried it. I'll never do that again. Jimmy offered to bring the vehicle around to pick up the amp but I had plans to go to the antenna forum and didn't want to intrude on his fleamarket search time. I made the forum on time, but frankly, could have used a shower about then.

The two Jim's had Friday night plans - the UHF/VHF dinner. Me, I made separate arrangements to get to testers HQ, the Crown Plaza Hotel. Here, traditionally, testers book into Dayton and hold their Hospitality Suites. I was just looking forward to going out with a gang for dinner. Fortune smiled on me, I hooked up with a couple of local NW testers who hooked up with some national figures. I felt like a tag-along but my call was recognized and I soon felt in good company. About a dozen of us hit a local eatery and had a great time. Unfortunately, we got back too late to hit the suites but I was able to link up with the Jim's and head back to the hotel - exhausted. Of course, at the hotel, we just had to plug that amp in and even though we had no driver, K7NQ keyed up the amp with a couple of screwdrivers. The prognosis looked good as all the idling currents and voltages looked good. Maybe I got a GOOD deal after all!

Saturday morning, we were not so quick out of bed and slept in a while longer. My first activity was to hit the contest forums while the Jim's continued to search for fleas. (I spent my wad on the amp so my passion for spending was severely curtailed.) By the time I finished the contest forums, they had pretty much covered the available bargains. Saturday was supposed to be a sea of people, according to tradition but even Dayton seems to be suffering from the decline and realignments of Amateur Radio. After Lunch, the Jim's called it quits and headed back to the hotel. I had a later ride to the Contest's Banquet at the Crown Royal.

At the Contest Banquet, I found many faces to go with all the calls I work regularly each contest sea-

son. Some were well known and others were little pistols like myself. I took a bit to screw up enough courage to talk to some. Other highlights included sitting with Hud (remember the "Neighbor from Hell" TV commentary of a few years ago?) and a couple of Germans. Two Hams were inducted into the CQ Contest Hall of Fame. I'm afraid the names and calls escape me as of now, both coming from the wrong side of the country. By 9:00 PM, the magic of radio and contesting had exhausted themselves with me and it was time to catch up with the Jim's for a ride back to the hotel. Still, as tired as we were, we managed to sit up late like a bunch of 'ol Ladies and chewed the fat 'til early morning.

By Sunday, I was ready to head for home. Jim and Jim had an early flight but I went along anyway - always have enjoyed hanging out at airports. My flight to Chicago was uneventful but the Seattle leg was delayed by weather. I guess if you have to spend an hour sitting at the end of a runway waiting on weather - then First Class is the place to do it. (Thank goodness for frequent flyer mile upgrades). Even after we got into the air it was a dicey first hour (although pretty) as we flew around nasty looking thunderheads and bounced around a lot.

Dayton was fun. I certainly recommend it for any Ham though having someone along who knows the ropes is helpful. The tales of no clear frequencies and a crush of people did not come true for me. I found there to be plenty of room, easygoing people, and plenty of time to see everything I wanted to see. No, I won't be going back next year or even the year after that but maybe in 5 years or so, I might want to do it again.

What would I do different next time? I would go in one day earlier (Wednesday) and see the Air Force Museum on Thursday. Also, being a tester, I would probably bunk out at the Crown Plaza in downtown Dayton where the testers traditionally hang out. Then again, I may very well have gotten into too much trouble with the available "hospitality" (read booze) that flows within the contest suites headquartered there. The first time around, at least, I was probably better off... off-site.

Best food - frozen cheesecake on a stick, neat idea for a hot day (I only had one - honest!)

Strange seeing you here - Frank (K7VMG) and Darla (KC7SIT)

Stupidist thing to do - Carry 50lbs of amplifier, one half mile to car

Best cold water fountain - Sorry gotta keep some secrets

Bathroom with no lines - same place as the water fountain

Board Meeting Minutes, 5/26/99*Joyce Stroehrer, N7JWP*

Officers Present: President - Alan (KB7SVU); Vice President - Calvin (KC7IYP); Secretary - Joyce (N7JPW); Treasurer - Chuck (WA7EBH); Activity Manager - Tressie (KC7BAL); Radio Officer - Harry (W7JWJ); Trustee #1 - Jack Grimmatt (N7IHS); Trustee #4 - Mike (K7JML); Trustee #5-Mike (KB7YXB).

Visitors: Mary (W7QGP); Dawn (KC7YYB); Dan (N7QHC); Chuck (N7STR)

The meeting was called to order by COB Mike (K7JML) at 7:30 PM at the Salvation Army, Renton.

Minutes: Moved, seconded and passed to approve the minutes of the previous meeting as written in the Relay.

Officer Reports

President: Alan knows a Ham who would like to donate items to the club. There is no standard procedure. It was decided to bring a list and the board will review it. There are committees who do not have members participating. Each committee has a mission statement. Technical committee does not have written instructions. Chuck (N7STR) read the duties of the Technical committee. Need a database as to club members' interests. Is the club interested in a Foxhunt? The last hunt was two years ago. It is suggested an article be put in the RELAY. Jack (N7IHS) has one antenna analyzer. It is thought that Pete (K7WTG) has the other.

Vice President: Margaret Moroz (no call) was presented for membership. Margaret needs an Elmer. Approved to present to the general members next meeting.

Secretary: No correspondence.

Treasurer: Looking good. Books balanced.

Activity Manager: Tressie (KC7BAL) program for June meeting is Field Day. She is working on a program about antique radios by Radio Club of Tacoma. She is also talking to Gerhard about a program on Hams in Germany.

Jackets: The current silver jackets are no longer available. Chuck Northcutt will be asked to bring samples of colors to next board meeting. If unable, will bring to a future board meeting.

Committee Reports

Radio Officer: Harry (W7JWJ) states repeaters okay.

Technical: No report

Public Service: Last meeting held and Y2K discussed. Meetings are the Tuesday before the general membership meeting at Sharis in Renton at 7:00 P.M.

Education: Two people have passed the code test. Claire Navarre has a call (KD7FMP). Next meeting June 1, 6:00 PM at Denny's, South Center.

Long range planning: No report.

Facilities: Jack will fix the cable on the radio and get it going.

Field Day: RF is a big factor. Analysis will be done on each band before field day. Antennas must be installed with a minimum of 4 feet from people. FCC is now making surprise inspections and we need to be in compliance. There are only 2 campsites left in the campground for members. The others have been returned. Talk-in is 146.58 MHz simplex or the 146.82 MHz repeater for those who may get lost.

Flea Market: Meetings start in September.

Web-Master: Jim (KD7BAT) installed list of officers on the web site. Public service will include Seafair dates. The web site company, Paradise Web, has been sold to Hotboards. There should be no change in service. Should the education page show classes other than our own club? Yes. It is good PR and a good service. E-mail to Northwest Division to update info.

Relay Editor: Need to run info on Wednesday Night Net, again.

Old Business

Question as to what to do about VE exams when not being held. How do we notify prospective test takers? This should be discussed at the education committee meeting. Jim (K7ND) will be asked to attend. Dates will continue to be in the RELAY, Wednesday night net and started in the Web site. On Web site, make sure "call for confirmation" at the bottom.

There is a problem with getting members to stay for the programs and the members carrying on separate conversations while the program is being presented. It is suggested we send a thank-you to the speakers. Perhaps activities manager can put lists on tables with suggestions for programs and have members check the ones they are interested in. Programs do not have to be Ham radio related. It is suggested that speakers be brought in from other organizations, i.e., the National Weather, FBI, etc.

New Business

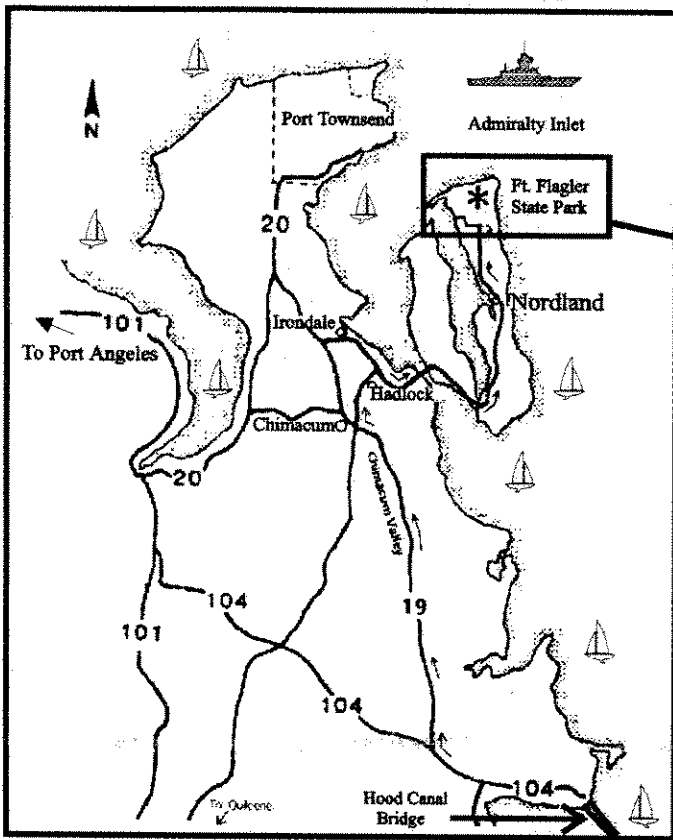
Captain and Mrs. Halvorsen are being relocated to Roseburg, Oregon. The new captain's last name is Beauchamp (pronunciation is Beechum).

There being no further business, the meeting is adjourned.

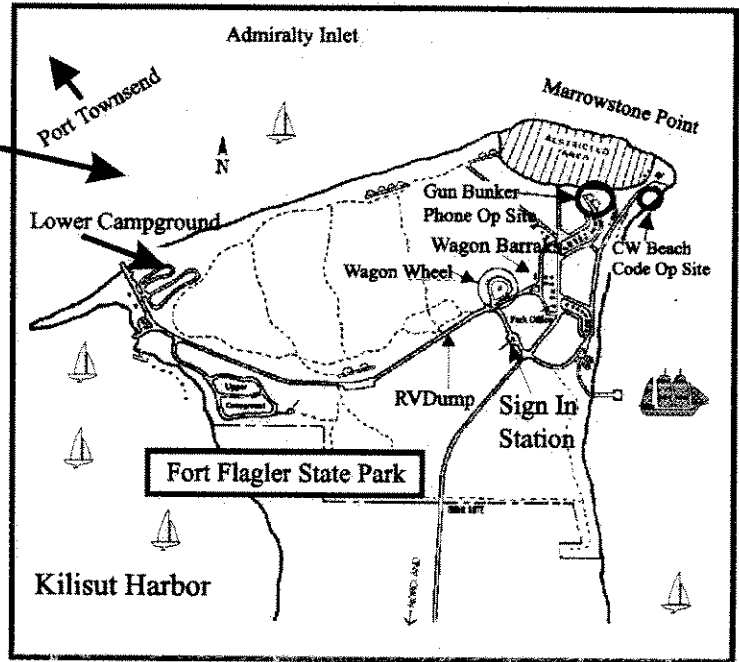
Directions to Mike and Key Field Day at Fort Flagler

June 25, 26, & 27, 1999

Olympic Peninsula Map to Ft. Flagler



ARRL FIELD DAY OPERATING LOCATION MAP
MIKE AND KEY AMATEUR RADIO CLUB



Fort Flagler Ranger Office
360 - 385-3701

Directions to Marrowstone Island and Fort Flagler:

- I. From Kingston Ferry terminal head on Hwy 104 toward Port Gamble. Turn due west to find the Hood Canal Floating Bridge.
- II. From Tacoma cross the Narrows Bridge on Hwy. 16, which will head northward towards Bremerton. In Bremerton connect with Hwy 3, and continue north toward the junction with Hwy 104 from Port Gamble. Turn left and cross the Hood Canal Floating Bridge.
- III. From either start point continue on from the floating bridge on Hwy 104 for 3 1/2 miles then turn right at the sign for Ft. Flagler and Chimacum (Hwy 19). Upon reaching Chimacum (about 5 1/2 Miles) turn right for approximately one mile to Hadlock. In Hadlock turn right again (eastbound). In 3/4 of a mile the road will "Y". Stay to the left toward Indian Island and Ft. Flagler. You will cross the end of Indian Island and onto Marrowstone Island, where the road will swing northward toward Nordland, and shortly after Nordland, you will come to the Forts main entrance.

Come to Field Day and Have the Experience of a Lifetime

If this is your first time at Field Day, get ready to have a great time. Camping, Bar B Q Potlucks, Ham Radio, incredible friends, a fantastic view, and sometimes one of the best viewing sites on Puget Sound for electrical storms. Do you like to search through old bunkers, and gunsites, walk along the beach, watch big ships set out for sea, sit around the campfire sharing stories and singing songs? Well Field Day is all of the above and more. It is where you make long term friendships, and those forever memories that life is all about. For many a Ham, Field Day is where they made that first long distance contact, and participated in a contest. It is where many a Ham has fallen in love with Ham Radio and understood what it's really all about.

Check List for Field Day

Personal items

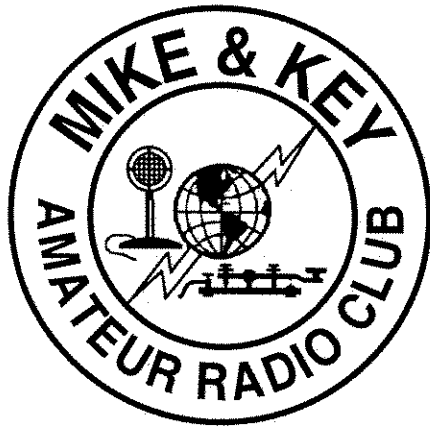
1	Tent or Trailer or reservations in barracks.
2	Sleeping Bags
3	Pillows
4	Food & potluck item, & most of all SNACKS
5	Utensils, plates, cups.
6	pencils
7	extension chords
8	cook stove and fuel for stove
9	cooler
10	ice
11	kids
12	xyl
13	2meter or hand held dual band radio
14	directional finder for rabbit hunt
15	paper and more pencils
16	Leashes and chains for all animals, they are not allowed without a leash in the campground.
17	Food for animals
18	Rain Gear
19	Warm Coat
20	Boots
21	Gloves
22	Toiletries
23	Gas Lantern
24	Flashlight, and extra batteries
25	Matches
26	Non electric clock
27	First Aid Kit
28	Medicine you require
29	Trash Bags
30	Water
31	Insect Repellent
32	Sun Screen Lotion
33	Camera with FILM
34	Cash for camping fee's. \$7per night per site at Wagonwheel, \$6.50 per night at Barraks, per bed
35	Weed Wacker
36	Battery Charger
37	8 Way Plug in receptacle
38	50' measuring tape
39	TOOLS
40	xyl AND kids
41	
42	
43	
44	
45	
46	
47	
48	

Band Chairs

1	TENT
2	Computer With 3 1/2" Disc
3	Disc
4	Pencils
5	Scratch Paper
6	Ext. Chords
7	Protect multiple plug
8	Tables
9	Antennas
10	chairs
11	Lamps
12	Radio Transmitter
13	Reciever
14	Power Supply
15	Fuses for above
16	Fcc license
17	Keyer, Bug or Key.
18	SWR Meters
19	Coax
20	Log Sheets
21	dupe sheets
22	Clock
23	Headphones
24	Rope
25	Rotor with cable if required
26	Feedline with connectors
27	Extra feedline
28	Extra Connectors
29	Barrel Connectors
30	Mechanics Tool Box
31	Electronic Tool Box (with solder, soldering iron, and connectors)
32	Pencil Sharpner
33	American Flag for Tower
34	Xmas Tree Lights
35	Ribbon for Guy-lines
36	Sledge Hammer
37	Hard Hat
38	Climbing Belt
39	2 mtr simplex rig, set on 146.58
40	Backup Radio System
41	Spare Light Bulbs
42	Ground Stake, Wire, and Clamp
43	Electrical Tape
44	Duct Tape
45	Water container/Coffee Pot/etc.
46	Sense of HUMOR.
47	
48	
49	

Note:

Leave Phone Numbers of Hams at home that are not going to field day, so that in case of an emergency your family can contact the site.



K7LED Relay

The RELAY is the official tabloid of the Mike and Key Amateur Radio Club. The Mike and Key ARC 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 Tobin St., Renton, WA. The Club operates repeaters on 146.82 MHz (103.5 CTCSS) and 224.12 MHz under the call sign K7LED. Two nets meet on the 146.82 repeater: the Club net on Wednesdays at 7:30 PM and the Public Service net on Thursdays at 7:00 PM. All persons interested in Amateur Radio are invited to participate in the Mike and Key ARC and it's activities. Yearly dues are \$12.00 for individual memberships and \$18.00 for family memberships.

Volume 27, Number 6

June, 1999

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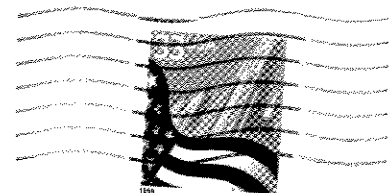
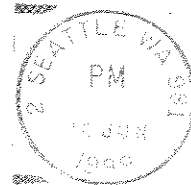
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Return To

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First Class Mail

Next Club Meeting

Saturday, June 19th at 10:00 AM
Salvation Army in Renton
720 Tobin, Renton
Doors open at 9:30 AM for donuts
Talk-in on 146.82 RPTR

Next Board Meeting

Wednesday, June 30th at 7:30 PM
Salvation 5th Army in Renton
720 Tobin, Renton

Sam Sullivan N7RHE 7/00
13626 - SE 232nd
Kent, WA 98042

Program

Field Day

✓ Check Mailing Label for Dues Status

Mike & Key ARC Web Page: <http://www.mikeandkey.com>

98042X3238 23

