

# K7LED RELAY



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 52.05-53.05, 146.22-146.82, and 222.52-224.12 under the call K7LED. The following nets meet on 146.82: Club Net, Wednesdays at 7:30PM; Public Service Net, Thursdays at 7PM. The Club mailing address is: PO BOX 2121, Kirkland, WA 98083. All persons interested in Amateur Radio are invited to participate in the Mike and Key Amateur Radio Club and it's activities.

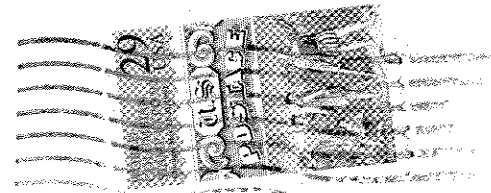
Volume 20

June 1992

NUMBER 6

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VICE-PRESIDENT	- Nils Hallstrom, WB7TJK	Tel:242-8271	TRUSTEE #2	- Carolyn Pasquire, WV7Q	Tel:862-1157
SECRETARY	- Lee Bertrand, KG7OW	Tel:897-8486	TRUSTEE #3	- Wayne Moddison, K6DOW	Tel:271-5314
TREASURER	- Jack Burrell, KB7ZS	Tel:454-3617	TRUSTEE #4	- Dean Holtan, N7NKO	Tel:242-6715
ACTIVITY MNGR	- Chuck Benefiel, N7STR	Tel:279-1517	TRUSTEE #5	- Julian Williams, KA7MCB	Tel:772-5729
RADIO OFFICER	- Ken Rau, K7YR	Tel:222-7711	EDITOR	- Michael Dinkelman, WA7UVJ	Tel:854-4031

Relay Editor  
Michael Dinkelman  
637 2nd Ave South  
Kent, WA 98032



FIRST CLASS MAIL

FIELD DAY ISSUE!!

**NEXT BOARD MEETING**

July 7 @ 7:30PM  
Omni Restaurant  
188th So, City of SeaTac

**NEXT BREAKFAST**

June 20 @ 7:30AM  
Riverside Inn  
14060 Interurban So, Tukwila

**NEXT CLUB MEETING**

June 20 @ 10AM  
Salvation Army Renton HQ  
720 Tobin St, Renton  
Doors open at 9:30  
Program - Field Day Preparations

K7WTG 93/01  
HEDBERG, PETE  
20904 NE 77th ST  
REDMOND, WA. 98053



FIELD DAY - JUNE 26-28  
ANNUAL PICNIC - AUG 22

CHECK MAILING LABEL FOR DUES EXPIRATION DATE

**PRESIDENTS CORNER**

Submitted by Chuck, WA7EBH



Well, this is the BIG month that we have all been waiting for, FIELD DAY WEEKEND. Once again, the airwaves will be humming with the dit dahs dit sounds from the beach and Donald Duck SSB voices on the bluff. These beer guzzling, blurred eyed, caffeine drugged operators will try and beat Murphy and win our station class.

Help will be required on Friday for setup. We will need the party goers about 6PM to continue the tradition of Field Day chili eating, BBQ cookout, and laughing at the tall tale swapping going on. Come on up and participate, you won't regret it.

I have been asked to print a list of the Seafair Parade dates for those who did not receive the mailer I sent out to last year's participants. Here goes...

July 12, noon, Kent  
 July 18, 8AM, Redmond  
 July 25, 4:30PM, Des Moines  
 July 26, 5PM, China Town  
 July 27, 5PM, University  
 July 29, 5PM, Greenwood  
 July 31, Early as possible, Torchlight  
 Aug 1, 4:30PM, Lake City  
 Aug 22, 10AM, Auburn

All district parades are on a frequency of 146.58MHz and the TORCHLIGHT is on the 146.96 repeater. If you would like to help out, please call me at 392-5303.

Due to some pressing personal problems out of State, I will not be able to attend this months meeting. I will place the meeting agenda in the capable hands of Nils. I hope to see everyone on Field Day.

**NEW MEMBERS**

Submitted by Michael, WA7UVJ

Please welcome the following new members to the Mike & Key ARC and update your rosters as well. We have experienced a rather large influx of new members over the past few months and a marked increase in

attendance at the general Club meeting. For the record, the membership stands at 173 active members (before doing the monthly deletions) and 90 persons were present at the May meeting.... .. whew!

Ryan Martin  
 N7TNI - Tech  
 POB 5306  
 Kent, WA 98064  
 Tel: 631-5370

Michael McCoy  
 N7VWD - Tech  
 12708 13th Lane SW #D5  
 Seattle, WA 98146  
 Tel: 246-4549

Robert Tilley  
 KB7NBQ - Advanced  
 2427 S 96th Apt 94  
 Tacoma, WA 98444  
 Tel: 536-6935

Richard Paquier  
 N7MER - Tech  
 535 20th Ave E  
 Seattle, WA 98112  
 Tel: 322-0558

Heather Talbot  
 N7SAO - Tech  
 18012 140th Ave SE  
 Renton, WA  
 Tel: 226-6726

**TREASURER'S REPORT, MAY 1992**

Submitted by Jack, KB7ZS



The Financial report for the month included receipts of a \$2500 refund from the Puyallup Fairgrounds and transfer of \$7500 from checking to CDs. The transactions for the month are as follows.....

<b>INCOME</b>	
ARRL (Renew)	\$ 2.00
Club Pins	6.00
Dues	114.00
Raffle Profit	44.00
<b>TOTAL</b>	<b>\$ 166.00</b>

<b>EXPENSE</b>	
Equipment Repair	44.43
Equipment Purch	33.00
Relay	128.20
Officer Supplies	19.58
Fleamarket	171.13
<b>TOTAL</b>	<b>\$ 396.34</b>

**EXCESS/DEFICIT** \$(230.34)

All requests for checks should be presented, in writing, at the next general or board meeting.

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**PAST DUE ON DUES (OR DARN NEAR)**


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Submitted by Jack, KB7ZS

The following members dues are currently due or past due: KA7AND, KL7BB, KA7ZZJ, KL7AKC, AA7BX, N7HAM, W7TWU, N7WVZ, WQ7C, AA7EG, WA7BUY, WA7C, N7QEP, WB7WCP, N7AMX, N7AVO, WS7K, N7NFF, and KA7QHG.

Please try and get your dues in to the treasurer prior to the end of June. The Club meeting is a good chance or they can be mailed either to the Club address or to me at home.

(Editor Note: I try to mark the mailing label of all members within 3 months of expiring when mailing the Relay each month. I also give two months grace mailing for those with extremely forgetful minds. Watch your mailing label for your expiration date!)

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**UPCOMING PROGRAMS AND ACTIVITIES**


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Submitted by Chuck, N7STR



The following programs and activities are scheduled over the next several months...

**PROGRAMS:**

June - "Field Day Forum" Frank, KA7QHG and Dean, N7NKO will moderate an discussion about the upcoming Field Day operation. This is the chance to nail down last minute details, answer questions, and GET EXCITED and the most exciting event of the year.

July - "Last Voice from Kuwait" Harry Lewis will present this video tape documentary detailing the operations of a Ham operator within the midst of the Iraqi occupation of Kuwait.

August - "What are those crazy sounding signals?" a video tape presentation.

September - Military Amateur Radio Service, MARS by Al, WV7R

October - Long Range Planning Committee Report by the Long Range Planning Committee.

**ACTIVITIES:**

June 26-28, the biggest and best activity of them all, Field Day. Don't miss it.

August 22, the annual Club picnic. Julian, KA7MCB is organizing the event. Hey Julian, where's it gonna be?????

Fall months, a bowling party is in the works, stayed tuned for details.

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**YOUR NEW ACTIVITY MANAGER**


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Submitted by Chuck, N7STR

(Editors Note: I made all the other new officers submit a biography just so we could get to know them. This month, it's Chuck's turn)

My interest in Amateur Radio was generated by my Elmereta (??), Carolyn WV7Q, who also is my well known constant companion and best friend.

I enjoy the communication capabilities from the mobile radio when traveling on the road. I also have enjoyed the public service events I have been able to participate in.

My job entails a lot of driving as I am an Independent Manufacturers Representative in the office furniture industry. I design much of the furniture I represent as well as distribute and market the products. I have been doing this for the past 14 years.

I am also interested in writing and am 3/4 of the way through my first book. While it is not related to my work or hobbies, it has become a labor of love and whether it is ever published, it has been a tremendously rewarding personal experience.

I really enjoy the club and the members I have gotten to know at the various activities, which is why I was prompted to become the "Club Foo.." Activity Manager. I feel it is important to have ongoing activities which include every level of participation in the Club from non-member to Extra Class. I saw the fun that Mike, WA7UVJ (huh? ed.) had and decided that it was an area I could contribute to the Club.

- CONTINUED FROM PREVIOUS PAGE -

I hold a Technician Class License (no code) and am quite satisfied with that level of participation in HAM radio. That doesn't mean that I am not interested in learning as much as I can about other aspects of Amateur Radio, but due to other on-going commitments, advancement in class would require 25 hour days and giving up other areas in my life I consider equally important.

I look forward to any suggestions anyone has with regard to programs or future activities for the Club. I also thank you for allowing me to become your Activity Manager, and look forward to serving for and with you. All help will be greatly appreciated.

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SUMMER TIME IS PUBLIC SERVICE TIME

Submitted by Michael, WA7UVJ

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As the Summer months roll in, the number of public service events peaks. There are bicycle rides, foot races, parades, and community celebrations, including the Seafair events.

Look inside your "Little Red Book", a.k.a. the Puget Sound Amateur Radio Information Booklet, and see what events you would like to help out with. Then, call the contact person and volunteer yourself and your radio abilities. It's a chance to give a little something back for the use of the airwaves and to feel good about being part of the community.

Oh my! you don't have an information booklet? Tsk! Tsk! You might try the local amateur outlets, various Radio Shack stores (I dropped a large amount off at the Kent store), or the Mike and Key Club meeting in June.

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AND THERE AINT NO MORE

Submitted by Michael, WA7UVJ

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At this time, I would like to heap a few congratulations on Club member Len Westbo, W7MCU. Last month, Len told me of something he did that few Hams ever accomplish. HE HAS WORKED THEM ALL!

What all? Well if you get out the ARRL's DXCC country list and pick out ANY country in the current list, Len has talked to someone there. The recent operation to the South Sandwich Islands was the last country Len needed and now he is just waiting for the QSL.

What's next after you've worked 'em all? Well, Len is not resting on his laurels. It sounds like 160 meter DXCC is next on his list and he isn't too far off. I have no doubts that he'll make it soon. Congratulations Len, on an excellent job!

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K7LED BBS?

Submitted by Michael, WA7UVJ

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Jack, N7IHS, has proposed setting up a packet BBS for use by the Mike & Key ARC. He is willing to provide the equipment and be the sysop. While this BBS would be open to all Hams, special attention would be placed on Mike & Key activities and information. Those experienced on packet know this is an excellent method for "getting out the word".

Before Jack embarks on this quest, which involves considerable expense, investigation, and time, he would like to know if members are actually interested in using such a system? With 170+ plus members around the Puget Sound, it could be a neat idea who's time has come. However, if only half a dozen people ever intend on checking in, Jack's resources would be better placed elsewhere.

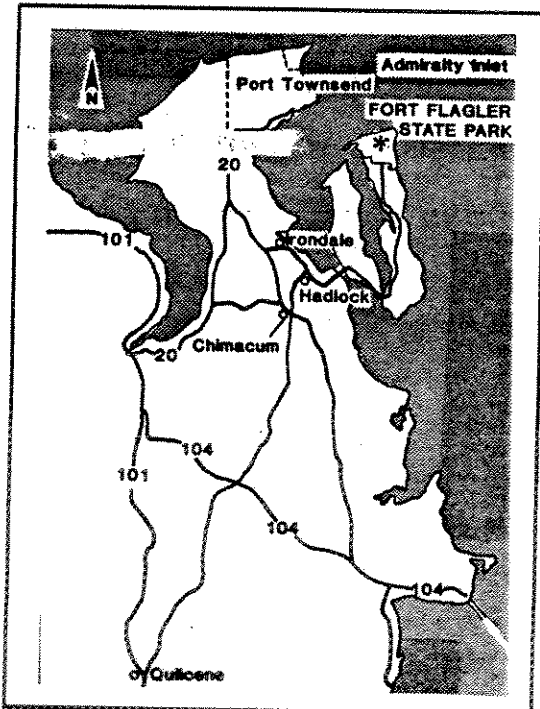
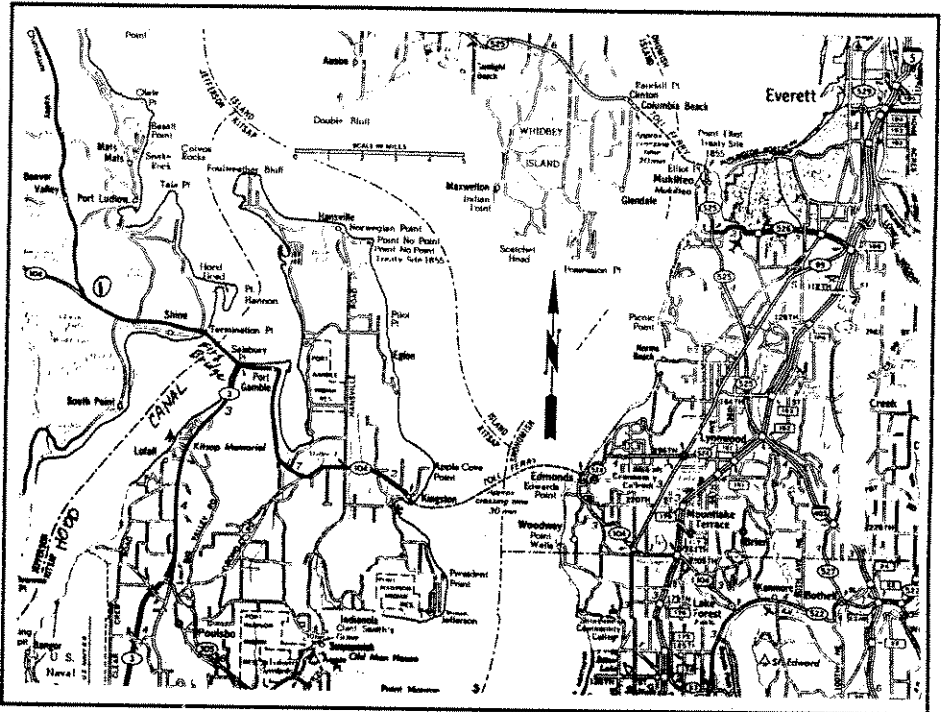
What do you think? Would you use it. Do you have experience in running a packet BBS that would be helpful to Jack? Don't tell me, tell Jack. His phone number and address are in the roster and I am sure he would like to hear of any ideas you might have.

**GETTING TO FORT FLAGLER**  
Submitted by Michael, WA7UVJ

You've made the decision, You wanna go to Field Day with the Mike & Key at Fort Flagler!!! Now, how do you get there? Well, you have a couple of choices.

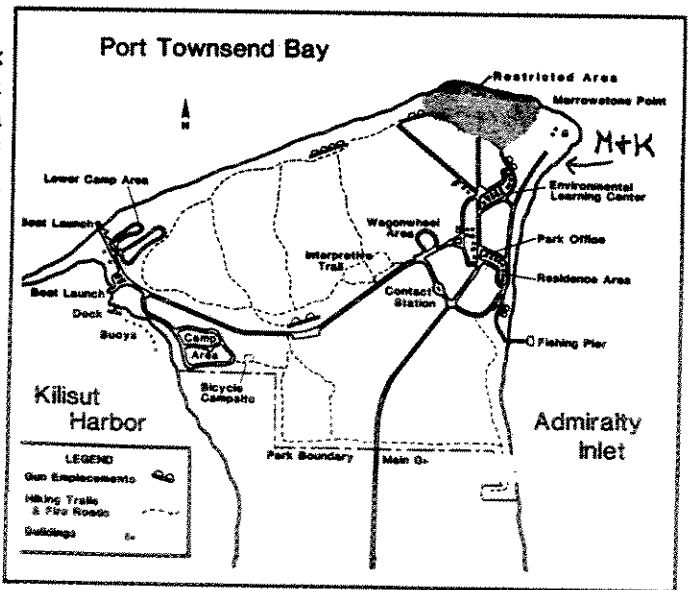
The easiest is choice may be to just drive there. From Seattle travel south to Tacoma, then head north to Bremerton on SR 16. Past Bremerton, take SR 3 towards Port Gamble until you reach the Hood Canal Floating Bridge. Crossing the bridge you can take several routes to the town of Hadlock. (My personal preference is the first right after you come off the bridge. It leads past Port Ludlow on the way to Hadlock. However, it is not shown on the map below.)

Taking the ferry from Seattle or Edmonds is another choice for those who live to the North. Landing in Bremerton, Winslow, or Kingston, you will want to head towards the floating bridge and Hadlock. Be sure to get an updated ferry schedule as the summer schedule will probably be in effect.



Just past Hadlock (coming FROM the WEST) the road to Indian and Marrowstone Islands are well marked. Continue on the road until you reach the end, which will be Fort Flagler.

In the park, the operating sites are at the north eastern tip of the island. A two meter radio on 146.52 or the Club repeater will most likely get you some help with directions here.



The group camp area (Wagon Wheel) is just

east of the "toll" booth used by the rangers for registering campers (you do NOT have to stop there unless you have a reserved campsite). The operating sites are reached by going straight (north) through the first main intersection, then turning right just past the rangers office, around the grassy field to the northeast beach.

**FIELD DAY LIST**

It requires a lotta "stuff" to put on a successful Field Day. You may wish to use the following list to ensure your participation is as successful as possible. Needless to say, if you have any more items to add, write them down so you don't forget them. For the purists in the Club, pardon my comments, I've seen this list too many times before to resist.



Personal Items


- Food & Utensils
- Snacks
- Beverages (its Miller time)
- Rain Gear (yes it does rain)
- Coat
- Work Gloves
- Toiletries
- Lantern
- Stove/BBQ
- Fuel for Stove/BBQ
- Flashlight
- Extra Batteries
- Matches
- Sleeping Gear (who sleeps?)
- Alarm Clock
- First Aid Kit
- Trash Bags
- Water Bucket
- Insect Repellent (1 gallon)
- Sun Screen Lotion
- Camera w/Film
- Cash
- Needed Drugs (the legal kind)
- Reading Material
- XYL and Kids (if desired)
- Potluck Contribution
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

Band Chairpersons

- Transceiver
- Power Supply if required
- Antennas
- Spare Fuses
- Extension Cords (3 wire, no wimps)
- Transmatch
- SWR Bridge
- Scratch Paper
- Pencils/Pens
- Microphone (heaven forbid!)
- Key and Keyer (only way to go)
- Clock
- Operating Table
- Chairs (nice comfy ones)
- Headphones (2)
- Tower/Mast
- Guy Lines
- Guy Ropes
- Rotor w/cable
- Feedline w/connectors
- Mechanical Toolbox
- Electrical Toolbox
- American Flag
- Ribbon for Guy Lines
- Lights
- Sledge Hammer
- Hard Hat
- Climbing Belt
- Tower Guy Anchors
- 2 meter Rig
- Backup Rig
- Ground Stake
- Electrical Tape
- Duct Tape
- Computer w/Duping Program
- Multiple Outlets
- 50/100 foot Measuring Tape
- Weed Wacker
- Battery Chargers

Field Day Chairperson

- FCC License
- Log Sheets
- Rules

 Don't forget to let people know where you are going. You may wish to leave the phone number of a Ham NOT going to Field Day with relatives or friends so they can contact the same in case of an emergency.

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## FIELD DAY SCHEDULE

Submitted by Michael, WA7UVJ

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What happens when you arrive at Field Day? For those who have been there innumerable times, you can skip this article. This is a general guideline for the..... NEOPHYTES.

- Friday (before noon) Most of the experienced among us plan to arrive at Fort Flagler before noon on Friday. Some arrive Thursday and make it an outing of the last peaceful night for two days while others make it when they can. NOTHING can be setup BEFORE 11AM on Friday. Generally, the more you want or need to do, the earlier you'll arrive. Remember though, this is supposed to be fun, get there when you want to.
- Friday (11AM to 5PM) This is when most of the setup occurs. We have two main sites for Phone and CW. The Phone dudes sometimes setup to 4 stations so the help is welcome. On the beach, we only setup 2 stations and are usually more relaxed about it. Listening to 2 meters (146.52) will let you know where the help is needed. Not everyone needs to haul towers and pull guy ropes. For the less physically inclined, there is plenty of detail work but always ask the Band Chairperson (usually sunning himself in a reclining position) what needs doing.
- Friday (6PM to ??) PotLuck Time!! Friday night, the Club holds a potluck dinner at some convenient location, normally the group campsite (Wagonwheel). The Club supplies burgers and hotdogs while Club members bring chips, salads, desserts, and hot dishes. Sometimes, we do clams. The infamous "Little John" chili (only for the brave and/or foolhardy) may rear it's ugly head at this function too. The chili has been known to make operators RUN all weekend long. In between filling your face, this is a good chance to fill out and vacancies in the operating schedules.
- Friday (evening) Time to relax. You can fellowship as the potluck winds down or enjoy the amenities of Fort Flagler. The hard core among us usually end up on CW Beach and put the generator and rig through their paces for a couple hours (yup, we play radio!). I highly recommend NOT

doing this if the XYL and kids are around as they feel very ignored after a day of being ignored and a weekend of being ignored coming up (I learned this lesson the hard way).

- Saturday (5AM to 11AM) Yes I get up at 5AM! Setup continues and there is plenty of room to help out. Put the finishing touches where needed. The generators will usually get fired up around 10AM, give or take a half hour.

- Saturday (11AM) Sunday (11AM) The games begin at 11AM SHARP!. It always amazes me how quiet things get once Field Day begins. All you hear is the drone of generators. If you are free for a while, stop by the various stations and listen in. Check for any free operating slots you may be able to fill. Please show up if you do sign up, people are counting on you. When you do show up, arrive early (15 min) and watch how the operation is being done. No two stations use the same technique. Decide with your partner whether if you will operate or perform duping initially. Whatever else happens, have FUN!

- Sunday (11AM) The generators shut down and things REALLY get quiet! The breakdown begins in earnest but always follow the instructions of the Band Chairperson. It is important to leave the area in better shape than we found it. By this time you are bone tired but please help out. If all goes well, most of us can be headed home in a couple hours. Some will remain that last night and wind down. The rest of us can travel home knowing another successful Field Day has passed and nothing can beat this hobby.

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## FIELD DAY HISTORY

Submitted by Ralph, WX7T

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After hearing committee reports on Field Day and the Officers urging the membership to participate, I became interested in the history of the great event. I checked past issues of QST and a couple issues of the ARRL HANDBOOK to no avail. Then, the recent issue of QST arrived, in which Dave Summer of the League provided some information.

The first Field Day was held in 1933, with about 50 stations reporting participation. None of the stations reported more than a few dozen contacts. Today, this number seem extremely small, but we must not lose sight

- CONTINUED FROM PAGE 7 -

of the fact that most of the equipment was homebrew and, of course, tube circuitry: the highest reported transmitter power was 50 watts and almost all the contacts were in CW. Oh yes, because of the equipment used, the leading scorers produced a contact every 15 minutes or so. Today, the QSO is completed in 15 or 20 seconds.

Locally, the Mike and Key Club held it's first Field Day in 1971, so 1992 will be our 22nd meeting. The first four Field Days were held on Cougar Mountain -- but civilization and the big antenna farms there became a hinderance, so in 1975 the move was made to Fort Flagler, where the event has since been staged.

As the years passed, the lies have grown, however there are some happenings you can accept as fact. Ray, WA7EKH, can steam up the best clams you care to eat. Little John, WA7HQG, without a doubt makes the hottest chili north of Texas.

The "Hard Luck" medal goes to Chuck, WA7EBH. In one Field Day alone, the side of his car was crunched by a rampaging Blazer, a wrench was thrown or dropped demolishing his portable radio, and then, while working on a tower, a guy failed and Chuck was left dangling high and (probably not too) dry 70 feet up.

The one result I have not been able to learn was how, Little John, Gene (WA7TAI), Ken (K7YR), Lew (WA7ELI), Don (WA7KBK), and Jim Strand ever fared in their challenge to the YL Tower Climbing Team from Alaska? 73

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### FORT FLAGLER RULES

Submitted by Michael, WA7UVJ

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Yes, there are rules that must be followed while visiting Fort Flagler State Park. Most are common sense and posted but sometimes we forget we are using a public facility in a way not normally allowed to the public. Our status has been jeopardized severely in the past so remember the following which are yearly problem

areas.....

- 1) The posted speed limit MUST BE FOLLOWED. Sure, 25 MPH seems slow when you are traveling 5 miles from the main campground to the operating site, especially at midnight when no one is around. But please follow the posted limit or slower. The rangers do patrol at night and many park residents (four legged) also roam about at this time. This is a annual complaint.
- 2) NO ONE except designated security can camp at the operating sites. It is hard for the rangers to justify that no camping is allowed in these areas when a virtual tent/RV city springs up. You may stay in the Wagon Wheel, main campground (if there is room), or barracks (again if room). The fees for the Wagon Wheel and/or Barracks are pretty reasonable. It is also requested that the number of extra vehicles be kept down on the upper site (bluff) parking area if possible.
- 3) When traveling late at night, please keep the noise down. After all, not everybody appreciates your 300 Horsepower supercharged pickup at 3AM or the sound of a 2 meter rig blasting at full volume. Officially, the park imposes quiet hours between 11PM and 6:30AM. Remember, shhhhhhh!
- 4) Pets on leashes at all times.
- 5) Booze is a no-no except in designated areas.

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K7LED

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K7LED, nice call huh? Did you know it was available for the asking? Well, not on a permanent basis but how about for that special event or contest? (Sure beats the heck out of WA7UVJ in the pileup, I know!) Just remember, you are still limited to your current operating privileges even when using the Club call.

If you are interested, ask the Radio Officer, Ken (K7YR), how you can use the Club call.



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### LICENSE EXAMS

Submitted by Michael, WA7UVJ

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Please note that the Amateur Radio examinations given on the 3rd Saturday of the month are still being held at the Good Neighbor Center, south of the Valley Medical Center in Renton. They will NOT be moving to the new meeting site. The exams begin at 1300 (1PM) sharp.

All examinations elements (Novice thru Extra) are available and no reservations are required to participate. It is requested you bring a photocopy of your signed license, photocopies of any applicable Certificates, and some photo ID (like a drivers license).

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### ON THE BEACH

Submitted by Michael, WA7UVJ

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Each year, I get asked a lot of questions as to why we do things in specific ways on CW beach. This is not an attempt to stop the questioning but to provide some basics and maybe perk your interest up even more. Much of this applies to the phone guys as well, they just don't like to write (hence the microphone).

It is traditional for the CW stations participating in the Mike & Key Field Day activities to set up "on the beach". This year will be no exception. What happens "on the beach" and why should you want to look in on the BETTER mode?

Typically, we set up two CW stations, each supporting two bands. This isn't written in stone anywhere, it's just an efficient use of resources. This year, one station will support 20 meters during the day and 80 meters at night. The other will run 15 meters during the day and 40 meters at night. Each operating site consists of (usually) a tent, radio equipment, and a computer running a "duping" program. Antennas, as required, will dot the site. Since our power requirements are not as intense as the "phone" dudes, we use a smaller generator as well.

Because the stations on the bluff have a better "launch off" for their radio signals (due to the higher effective height)

and the more abundant supporting structures (trees), they tend to use horizontally polarized antennas such as beams and dipoles. On the beach, we try to use vertically polarized antennas (verticals, tilted beams) to obtain a lower angle of radiation AND to help reduce the signals coming in from behind us (by using different polarizations, we reduce those signals). One definite disadvantage to the beach is the lack of trees and solid ground anchoring. You'll want to be careful walking around the beach site because we will run wire radials (artificial grounds) all over the place. Sometimes they don't get marked too well.

Over the years, I have found visitors to the CW stations to be a little more bewildered by the operation than by those on the bluff. Much of this is probably due to the fact that most of the communication is silent to the observer. Just two people pushing buttons, writing, and mumbling.... lots of mumbling. (At least on the bluff, they speak English into microphones, huh?) To save our fingers and sanity, you will find the CW operators using electronic keyers with built-in memories. We can load in the contest information and send it all with the push of a button. The key will only be used sending calls and fill-ins.

As each contact is made, the "duper" (the guy on the computer) will enter the call of the station. The computer immediately tells the operators whether this is a duplicate contact. If so, they can abort the contact and continue on. If the contact is good, information is exchanged, usually our class of operation, ARRL section, and calls. All of this is entered into the computer as well for future retrieval. You'll notice, we keep a paper log "just in case". While one person could probably do all this by himself, it helps to have two sets of ears copying high speed CW and the comraderie is what makes Field Day so enjoyable. As each successful contact is completed, we earn two points (verses one point on the voice bands).

Well, those are some of the basics. Got more questions or wanna see how radio was really meant to be? Come on down to CW beach. Actually, we're nice guys and would be proud to show off our stuff if given a little notice. Sure, we can't slow down or make the CW any easier to understand, but that's part of the magic. After all, only REAL HAMS use CW. See you on the beach.

## BOARD MINUTES - JUNE 2, 1992

Submitted by Lee Bertrand, KG7OW

The meeting was called to order at 7:35 PM by Ralph, WX7T, Chairman of the Board.

Present were: Chuck, WA7EBH; Nils, WB7TJK; Lee, KG7OW, Jack, KB7ZS; Chuck, N7STR; Carolyn, WV7Q; Ralph, WX7T; Dean, N7NKO; Wayne, K6DOW; Ken, K7YR; Absent, Julien, KA7MCE. Visitors were: Mary, W7QGP; Frank, KA7QHG; Ray, WA7EKH; Gene, WA7TAI; Mike, WB7AYU; Dan, N7QHC; Dawn Hunphrey.

## Report of Officers:

President: Chuck, WA7EBH: Will not be here for the meeting date, will be in CA, hopefully back in time for Field Day. Nils will fill in.

Vice President: Nils, WB7TJK: Presented five applicants for membership; Steven P. Kaney, N7MUT; Ermanno Rusi, N7VIQ; Donna L. Winchester, KB7OXS; Roger C. Steyaert, K7RXV; Ellen M. Warinsky, AA7ME. All applicants were approved to be presented to the membership. A discussion was held on membership candidacy of Ralph Hayden. A motion was made by Chuck, WA7EBH and second by Wayne, K6DOW, to vote Ralph Hayden in membership in absentee. Motion carried.

Secretary: Lee, KG7OW: Can only find where the last set of ARRL books were distributed, cannot find prior years. Mary, contact Gib, W7JIB he should know where the books were distributed.

Mary, W7QGP: Mary won't be able to make a club meeting until October due to other commitments. If anyone has any question, leave a message on her answering machine. The ARRL Net Directory for next year will begin at zero base; All nets will have to be resubmitted in order to be listed. This directory will be published every 2 years. New Ham Operators under 18 years of age are numbering around 500. Mary also discussed the 6 Meter Band Plan.

Treasurer: Jack, KB7ZS: As of May, took in \$166.00, disbursed \$396.00 leaving balance of \$5,374.00 in checking. Transferred \$7,500 to CDs, giving a total of roughly \$17,900.00 in CDs. If anyone wants a breakdown, its available. A list of membership dues that are due and those that are past due will be in the RELAY. Chuck, N7STR questioned the status the monies taken in by the raffle.

Radio Officer: Ken, K7YR: Have parts to repair the repeater, (given by ICOM). Possible weak design or power supply transformer. Looking into going to an external power supply.

Activities Chairman: Chuck, N7STR: We have programs through November. Chuck also reported on a movie screen and sound podium, which he was asked to check on. A discussion followed on both items. The price of an 84" X 84" screen is \$200.00. The sound podium is around \$800.00. Jack, KB7ZS will discuss with Salvation Army, the mounting of a screen. A motion was made by Jack, KB7ZS and second by Nils, WB7TJK to purchase the sound powered podium not to exceed \$800.00. Motion carried.

Trustee: Carolyn, WV7Q: Working on the survey conducted at the last club meeting. Discussion followed. Also discussed an Isolooop Antenna by AEA, to

test at Field Day.

Trustee: Wayne, K6DOW: Sea Fair Parade is the next big event we have. Had a good time working the Special Olympics this past weekend, had enough help Saturday, but was short handed on Sunday.

Trustee: Dean, N7NKO: Discussed AEA Isolooop Antenna. Looking forward to Field Day.

Field Day Co-Chairman: Frank, KA7QHG: Sent off a letter to Fort Plagler, letting them know that we will be there for Field Day. Also sent letter to Goodman Sanitation requesting 4 units. Price per unit is \$50.00 each. A discussion of Field Day operations followed. Prices of Camper Spaces, etc. will be discussed at the next meeting.

Relay Editor: Mike, WA7UVJ: Reminded everyone that articles for the RELAY will have to be in by Friday in order to be published. Goes to press Saturday.

Mike, WA7AYU: Sent for a Field Day package and received it. We need to set a table up to publicize Field Day by distributing this material. This is worth 100 points. Field Day photos were discussed. Mike is trying to gather all photos and place these in an album.

Constitution Committee Chairman: Ray, WA7EKH: Haven't received any thing for the committee. Flea Market: Raysent out 248 questionnaires to vendors who was at the Flea Market; so far received 48 back.

COB: Ralph, WX7T: Discussed his job as COB. Discussion followed on overall function of the Board. Meeting adjourned by Ralph, WX7T, COB at 9:00 PM.

## GENERAL MEETING MINUTES - MAY 16, 1992

Submitted by Lee Bertrand, KG7OW

The meeting was called to order at 10:00 AM by the President; Chuck, WA7EBH with 90 members and visitors present.

WA7EBH, Chuck: A letter of was received from the Radio Club of Tacoma declining our challenge in the Field Day contest.

KB7PAJ, Amanda Mills was introduced by WA7EBH. Just received her Ham ticket yesterday. Amanda is 10 years old, the daughter of Mike, KB7JWN and Sherri Mills, N7VIC.

A motion was made and second to approve the minutes in the Relay as published. Motion passed.

Report of Officers: Vice-President: Nils, WB7TJK, presented 6 new member applications: N7SAO, Heather Talbert; K7BAU, Thomas J. Schnieder (absent); N7VWD, Michael A. McCoy; KB7NBQ, Robert L. Tillie; N7MER, C. Richard Pasquier; Those present were voted in the club by the membership.

Secretary: Lee, KG7OW: Received announcement of Wenatchee Ham Flea Market, June 6, 1992. Also received brochures on jewelry and "whatnots" with call signs and also an ad about QSL Cards.

- CONTINUED FROM PREVIOUS PAGE -

Treasure: Jack, KB7ZS; Cash flow report was published in the Relay along with the Flea Market report. Cash received during the month was \$264.00; Cash out \$677.00.

Activity Manager: WA7EBH announced that Mike, WA7UVJ was handling that job, but now we have a volunteer; Chuck, N7STR; We'll call for a vote later. Chuck, N7STR report: A survey form is being passed out. The Long Range Planning Committee would like to have everyone present fill one out and turn it in before the meeting is over.

Radio Officer: Ken, K7YR; Will take a look at the repeater again, not doing what it should. A long discussion followed as to why the repeater will have to go on tone squelch; the purchase and installation of PL tone units. A show of hands was called, for those who wants tone squelch and those opposed. The majority is in favor.

Chairman of the Board: Ralph, WX7T; Want to encourage everyone to attend Field Day. Complimented the members for their participation in attending the meetings, taking part in the Wednesday night two (2) meter net and taking interest in the Relay by writing articles.

Committee Reports: Chuck, WA7EBH; Parade in Ballard, May 17, 1:00 PM. Wayne, K6DOW; Special Olympic on last week end in May, still need help.

Long Range Planning Committee: Carolyn, WV7Q; Have a meeting May 21, Thursday night.

Picnic Committee: Julien, KA7MCR; Still need volunteers for the picnic. Called for a show of hands for those planning to attend. Approximately 35 planning to attend. Date is still August 22, location to be announced later.

Constitution and By-Laws Committee: Ray, WB7BKH; We need some input for any changes, etc.

Relay Editor: Mike, WA7UVJ; Send articles for the relay anyway you want, long hand, disk, Packet (via N7HPZ). Deadline for articles is the Saturday after the Board meeting, but try to have articles in before then.

Net Report: Rick, KP7VC; This month's host for the alligator is Frank, KA7QHG.

Field Day: Frank, KA7QHG; Sheets made out for sign up lists. Discussion held on who is eligible to operate on field day. KA7QHG, Frank will research. Dates of field day reviewed. June 26 pot luck; June 27 actual field day through June 28. Lodging is available. Location of Field Day activities Fort Plagler.

Chuck, WA7EBH; Washington State maps are on the table, courtesy Department Of Transportation.

Old Business: Chuck, WA7EBH; Last month a motion was made to raise the monetary allowance for the Banquet from \$400.00 to \$1000.00. This motion was reviewed by the Trustees and rejected. The Trustees recommended to raise the monetary allowance by \$200.00. Board also approved. A vote was taken on the motion to raise the monetary allowance to \$1000.00. Motion

failed. A motion was made by Claire, KB7GEW and second by Brian, WA7PVE to raised the monetary allowance for the Banquet from \$400 to \$600, motion carried.

A motion was made by Mike, WA7UVJ and second by K7NEX that Chuck, N7STR be elected to Activity Chairman. Motion passed.

New Business: Chuck, WA7EBH; We need volunteers for a committee to handled the purchases and distributing of ARRL books. WN7PMT, Jim volunteered to head the committee. Books are approximately \$125.00; Budget is \$500.00.

For the good of the order: Gib, W7JIE; Ask that members distribute public service bulletins containing Amateur Radio information, to Radio Shack stores.

Frank, KA7QHG; Carl, W7PRW; Vick, W7PBR; and Frank, KA7QHG put on a demonstration on Amateur Radio (but unfortunately propagation was down) at Highline Community College.

A short break was taken at 11:25 Am  
Meeting reconvened at 11:40 Am.

K7LXC, Steve Morris gave a presentation on station Antennas and installation.

Meeting was adjourned by Chuck, WA7EBH at 12:43 PM.

## EDITORS NOTE

Submitted by Michael, WA7UVJ

It is obvious as you glance through this newsletter that Field Day is an important event for this Club. In reality, Field Day is an important event for American Ham Radio. Amateurs from many different disciplines cooperate in this pseudo-emergency, part-contest, and tradition filled activity that makes some of us act like children and gives others.... grey hair.

Because it can be a little overwhelming for the newcomer, we provided much more BASIC information in the Relay this year. We want to overcome the shyness, fear, hesitation, or "whatever" that may keep you from experiencing this event. At the risk of being redundant, I'll say it one more time.... be you a no code Tech just out of the envelope or a ganarled weather beaten Extra, we want you to PARTICIPATE.

For some of those who submitted articles last month, there wasn't much room left over. Rest assured, the lean summer months are coming and I will be using them. Keep it coming and we'll see you at the Club meeting and ON THE BEACH.

1992

June 15 - July 26

1992

## MIKE &amp; KEY AMATEUR RADIO CLUB

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
June 15 7:30pm Vashon Island ARC	June 16 7:00pm VE Exams - Auburn (NK7E)	June 17 7:30pm Club Net on 146.82 Repeater	June 18 7:00pm Public Service Net 7:30pm PARS Meeting	June 19 7:00pm VE Exams - Seattle (NN7V)	June 20 7:30am Club Breakfast 10:00am Club Meeting 1:00pm VE Exams	June 21 Father's Day
June 22 7:00pm West Wash ATV Society	June 23	June 24 7:30pm Club Net on 146.82 Repeater 7:30pm Radio Club Tacoma	June 25 7:00pm Public Service Net	June 26	June 27	June 28
June 29	June 30	July 1 7:30pm Club Net on 146.82 Repeater 7:30pm Issaquah ARC Meeting Dominion Day (Canada)	July 2 7:00pm Public Service Net	July 3	July 4 10:00am Boeing ARC Meeting 1:00pm VE Exams - Kent (KF7VG) Independence Day	July 5
July 6	July 7 7:30pm Club Board Meeting	July 8 7:30pm Club Net on 146.82 Repeater 7:30pm Radio Club Tacoma	July 9 7:00pm Public Service Net 7:00pm VE Exams - Lynnwood (KF7QF)	July 10	July 11 8:00am SeaTac Repeater Group 10:00am VE Exams - Riverside Inn 1:00pm NAPRA Meeting	July 12 12:00am Kent Parade - WA7EBH
July 13	July 14 7:30pm WWDXC Meeting	July 15 7:30pm Club Net on 146.82 Repeater	July 16 7:00pm Public Service Net 7:30pm PARS Meeting	July 17 7:00pm VE Exams - Seattle (NN7V)	July 18 7:30am Club Breakfast 8:00am Redmond Parade - WA7EBH 10:00am Club Meeting 1:00pm VE Exams	July 19
July 20 7:30pm Vashon Island ARC	July 21 7:00pm VE Exams - Auburn (NK7E)	July 22 7:30pm Club Net on 146.82 Repeater 7:30pm Radio Club Tacoma	July 23 7:00pm Public Service Net	July 24	July 25 4:30pm Des Moines Parade - WA7EBH	July 26

Contact editor for changes

6/6/1992