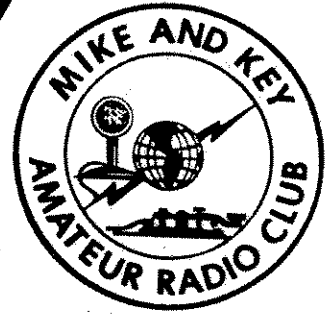


K7LED RELAY



The K7LED RELAY is the Official Publication of the MIKE and KEY AMATEUR RADIO CLUB, P.O. Box 2121, Kirkland, Wa. 98083-2121. The Club meets the third Saturday of each month at 9:30am in "The Good Neighbor Center", 395 S 43rd St. Renton, Wa. All "Hams" invited. The MIKE and KEY net meets each Sunday morning at 10:00am on 3930 kHz. VHF check-ins on the K7LED Repeaters.

AN ARRL AFFILIATED CLUB LOCATED NEAR SEATTLE, WASHINGTON.

VOLUME 14

DECEMBER 1986

NUMBER 12

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**NEXT CLUB MEETING IS
JANUARY 10**

RELAY EDITOR
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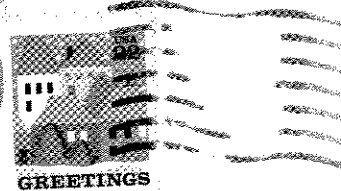
REPEATER FREQUENCY
52.37 - 53.37
146.22 - 146.82
224.12

BOARD MEETING
1900 HRS
30 DEC QTH
WA7EKH

CLUB MEETS:
20 DEC 86
UGN CENTER
RENTON 10:00

ACTIVITY EVENING

PETE HEDBERG K7WTG
20704 NE 77TH ST
REDMOND
WA 98053



First Class

COFFEE AND DONUTS WILL BE READY AT 9:30

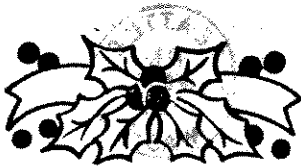
BOARD MEETING 11-4-86

KB7ZS NU7Z K7ND N7NW K6DOW WB7TBR
W7VIH WA7EBH WA7EKH

Items discussed:

- 1) Fleamarket - advance money has been paid for hall
- 2) Activity book for new chair people
- 3) Constitution meeting results will be in relay for first reading
- 4) Treasurer's report
- 5) Jackets ready Nov 17th
\$25/jacket \$7.10/T-shirt
advance payment to Hal N7NW
- 6) Recommended that club spend \$52 for package available to clubs by World Radio magazine
- 7) Recommended that club renew ARRL Newsletter @ \$19
- 8) Breakfast at Bob's Big Boy in Renton, anytime after 7am
- 9) Membership requirements to be changed via constitutional amendment
- 10) Meeting schedule

Next board meeting at K7ND Dec 9th at 1900



+ + + + + NOVICES + + + + +

Our First Quarter at Highline has drawn to a close. I gotta admit, I was a little apprehensive when we started but I like the results just fine. At the time this was written we had 9 new Hams and I expect a couple more before the week is out.

I gotta iron out a few kinks in the theory lesson plan but nothing major. Just a few confusing items between the Study guide and the course syllabus. Hal and Jim have done an excellent job teaching code. It sure would have been easier doing it your way than the way I had to learn it, guys.

However, there is still room for more instructors. We aren't looking for diehards to come down week after week. Just come down once in a while to teach a couple subjects so that these poor students don't have to look at my ugly mug constantly. Remember, this is a Novice Class and the subjects are very light and easygoing. You can do it! We start the Winter Quarter, January 8th. Come down for a visit if nothing else.

See you there, WA7UVJ



NEW AMATEUR RADIO FIELD RESOURCES DIRECTORY

ARRL has just released the first edition of THE AMATEUR RADIO FIELD RESOURCES DIRECTORY. Nicknamed "FReD", the new book contains a wealth of resources, and directories for every active Field appointee and Affiliated Club.

The BLUE PAGES include ARRL appointment guidelines, information on the National Traffic System and Amateur Radio Emergency Service, ARRL Affiliated Clubs, QST abbreviations list, WIAW schedule, QSL Bureau System, FCC Field office addresses, ARRL audiovisual programs catalog, and ARRL Volunteer Examiner Program. A host of technical resources for Assistant Technical /coordinators includes indexes to QEX, Gateway, and QST, a computer program exchange, comprehensive RFI information, and a manufacturers' RFI assistance list.

FReD's YELLOW PAGES contain listings of equipment and parts manufacturers and suppliers.

The WHITE PAGES contain directories of all Field Organization appointees, Affiliated clubs, Directors, Assistant Directors, Advisory Committee members and Volunteer Examiners as of April 28, 1986.

We know you'll find FReD to be an indispensable tool. So, we are offering the book at a special introductory rate of \$5.00 to Field Organization members and ARRL Clubs only while supplies last. The cover price of \$10.00 will apply to all others. If you want to take advantage of this special offer, please complete and return the form below to ARRL HQ. If you're a Field appointee or Affiliated Club and have already paid full cover price, we'll gladly refund a \$5.00 rebate.

THERE WAS AN ORDER SENT IN FOR 12 BOOKS.
IF ANY OTHERS WISH TO ORDER THIS FReD BOOK FOR \$5.00
PLEASE LET ME KNOW THIS MEETING. I'M NOT TO SURE THAT
WE CAN STILL GET THE BOOK. IT MAY BE SOLD OUT.
BUT WE WILL TRY!

BOWLING PARTY

November 7th, Totem Lanes -- A great time and a special evening for all who attended. In case you weren't aware, that was the first Mike & Key bowling party, and from the ends of it, not the last.

Nineteen people arrived and we filled up the six lanes pretty well. Everybody got into a pool and we had three HI-10 winners and two HI-30 winners. The HI-10 winners won hard cash while those who took the series got trophies.

Congratulations to Dick Dietsch and Joyce Stroehner on their HI-30 (series) wins. Better watch out for those two ringers next time. Things is, they were on the same lanes too. (hmm?)

A couple people won "I Tried" trophies. Now I know why Pete didn't go to the pizza place afterwards, he knew it was coming before I had the scores figured out.

During practice, we had a couple incidents, I'd rather not relate, but I was starting to wonder if we would get kicked out before we started! Myself, I pretty much forgot how to keep score, which is pretty embarrassing when displayed overhead.

Yup!!, we are going to do that again, maybe spring time. You can count me in.

73 - Mike - WA7UVJ

FOR SALE FOR SALE FOR SALE FOR SALE

NEW 1986 Triplet FET VOM #64, \$200; 1986 Factory assem. 20 MHZ Oscilloscope, Heathkit, \$500; 1986 IM-226A Digital Multimeter, assembled, NI-CD + PWR supply, \$250; 2 RF Demodulator Probes, \$60; Heathkit courses & trainers, EE-31-01A, -02A, -03A, -04A, E3100B, \$250. Call 827-7645 eves & wknds.

FOR SALE OR TRADE FOR SALE OR TRADE

Kenwood TS 600 all mode 6 meter Transceiver with VOX and Mike, \$300 or will trade for HF rig, QRP OK. Call Floyd - KE7RK -.631-5658

TRANSMITTER HUNT

Well after several months of social activities, I thought it would be nice to try a purely Amateur Radio Activity. I've always thought a transmitter hunt would be fun. There is just one problem.

I'VE NEVER BEEN IN ONE BEFORE!!!

Now of course, I could just go ahead and make all kinds of arrangements. I could probably make all kinds of mistakes. Instead, I decided to have YOU help me out.

So, during the December Club meeting, we are going to have a little discussion regarding the subject of transmitter (i.e., Fox, Bunny) hunts. Keep in mind what kind of band you would like to use, dates and times, and any other kind of related options. (I was kind of thinking of a late January date myself.) Then, come on down to the Club meeting or drop me a line. I'll consider anything. (Well, almost anything).

I've heard all you ol'timers talking about how much fun one of these things is, so lets give it a try. I'm game. WA7UVJ

DECEMBER 1986 - WORLD RADIO

Amateur Radio again is used in another emergency situation - the El Salvador earthquake. Lots of welfare messages and Red Cross traffic along with requests for heavy equipment, personnel and medical assistance.

The petition submitted to FCC by Don Stoner for part of the 6 meter band (52-54 MHz) was turned down. This was for computer communications. FCC indicated that the 902-928 MHz frequency should be looked at.

Looks like the Electronic Communications Privacy Act, S2575, is the same as being a law by now. It was to be blessed by the President soon now that it has passed all the House and Senate votes.

The FCC has handed out Amateur call signs up to the following as of Oct 1.; NX7P, KE7UH, N7IQP, KA7ZTE. (Wonder where they get all the X's and Z's?)

Subscribe to WORLD RADIO, you'll enjoy it.

At the end of August there was 421,077 licensed Amateurs in the U.S.

NOTES

The Breakfast before the November Club meeting came off great. There was 21 of us there, the food was good, so what else can I say. We had what was on the menu and lots of coffee.

We will try it again before the December meeting. You can get there any old time you want to, however, I would suggest that 0800 would be a good time. That gives the waitress a little time to get the food and you a little time to make an "eyeball" contact.

Someone back East is trying to convince Hams that they need help in renewing their license. Naturally, the outfit is going to want some money to do this, yes!!, \$50.00 never-the-less. Don't fall for it. Guess the older hams wouldn't but if you know of any new hams you might mention this so they don't fall for it. As you know, it doesn't cost anything (as yet) to renew your license

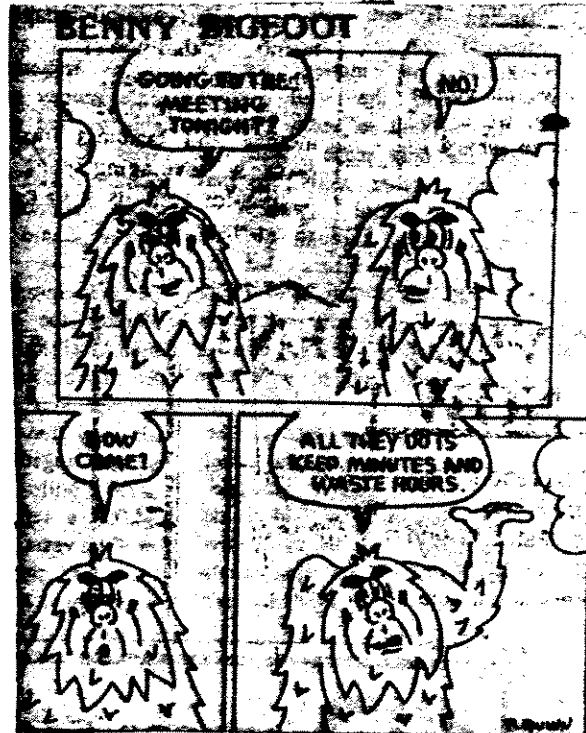
Mary Lewis, W7QGP, mentioned that there is some type of Amateur Chain Letter going around. If you get one it is suggested that you send it or take it to the Post Office and give it to the Postmaster and let him handle it. Chain letters are unlawful.

Also there are some people out there, probably not hams, that are using bogus ham calls. It may be pretty difficult to tell if they are bogus or not, but, be aware they are being used in this area

Just learned from Ben Bennett that he passed his tech license last Saturday after the Club meeting. Congratulations Ben, now go after the next one.

A nice letter arrived in the mail from one of our Club members that doesn't seem to want to hang around here during the cold weather. George Boross, N7BT, is now in Arizona, don't know for how long but you can contact him on 14292 on the Alaska-Pacific net around 9-9:30 just about any day of the week. George's address in Arizona is: 2333 W Irvington Rd #17, Tuscon Az. 85714. He would like to hear from you.

WESTLINK stated that RUSH DRAKE is now the new NW Director having won out over Mary Lewis.



NEWSPAPERS ** NEWSPAPERS

Vic contributed some money that he got from some papers that was sold. I sold 910 pound for \$13.65 so the total now is just under \$120.00. With luck we can get to \$150.00 by the February meeting. Keep bringing in what papers, cardboard boxes and aluminum cans you can get your hands on. we need all we can get.

YOU ARE DOING REAL WELL, KEEP IT UP!!

NO GARBAGE ++ NO GARBAGE
I'M NOT YOUR "GARBAGE MAN".!!!!
TAKE YOUR GARBAGE TO THE DUMP

I'LL TAKE ALUMINUM CANS THO

	M	A	M	J	J	A	S
\$	9.90	9.50	10.00	7.62	10.00	10.20	36.23
	O	N	D	J	F		
\$	6.90	17.58				TOTAL	\$117.93

WE NEED MORE PAPERS *** WE NEED MORE PAPERS

The following from November 21 1986
GATEWAY

TNC 2 FIRMWARE WILL BE AVAILABLE SOON

If you have a TAPR TNC 2 or clone, and like to "buffer up" messages in the TNC itself, read on!

The current software release, 1.1.3, uses 16 kbytes of RAM. The TNC 2 hardware is capable of using the new 32 kbyte RAM chips. Until recently, these chips cost between 40 and 100 dollars!

However, TAPR can now obtain these chips and sell them for \$20! As a result of this price decrease, Howie Goldstein, N2WX, software author of TNC 2, is presently beta testing a new software release, 1.1.4, that will use this new memory chip. This software will be available soon from TAPR, after beta testing confirms no new bugs are present.

An announcement will be made when 1.1.4 is ready. Please do not order it until it is ready.

From TAPR

The following from November 7 1986
GATEWAY

(EDITOR NOTE) Now that packet is the thing to communicate with we end up with some stations that want to "HOG" the frequency to show others that they are on packet. Here is an excerpt from an article in GATEWAY in regard to beacon operation.

Let me suggest, then, some simple beaconing rules. These have been stated by others before, but they bear repeating:

1. Beacon only to serve a specific need that can't be served by leaving a message on the local BBS system.
2. If your TNC permits, use a beaconing mode that avoids beaconing on a busy channel. On most TNCs, this means using the BEACON AFTER command rather than the BEACON EVERY command.
3. Set the beacon timer to the maximum value consistent with the need for the beacon. There is seldom a need for a beacon that is repeated more often than once every 15 to 20 minutes, except for CQ calls.
4. Never put a bell character in a beacon. There is nothing more annoying than listening to the bell on your terminal ring every five minutes from a beacon.

Following these simple rules isn't very difficult. Trying to operate on a channel crowded with beacons is.

KE3Z

From December 1986
WORLD RADIO

Traffic hazard ID

Have you ever come upon a traffic accident involving a truck full of who knows what? The *ARRL FIELD FORUM* (10/85) explains that vehicles carrying 1,000 pounds or more of hazardous material must display a placard showing a 4-digit identification number. This code can let you know how the substance is dangerous, how best to handle the situation, first aid info, and suggested evacuation procedures.

Since the only helpful amateur is a live amateur, ARRL recommends that you avoid approaching possibly dangerous wrecked vehicles. Use your radio or telephone for help, telling the ID number or name of the substance if possible.

You can get a copy of the publication that lists every ID number and its corresponding loathsome substance by writing to the Material Transportation Bureau, U.S. Department of Transportation, ATTN: DMT-11, Washington, D.C. 20590. Ask for the Emergency Guidebook, DOT P 5800.3. They don't send this book to mere mortals, so send your letter on ARRL, ARES or other official-looking stationery.

— REMARCS, Villanova, PA

How many of you know what the symbol for Nuclear material looks like?? And, how big in size does it have to be??

Discourtesy on the air

I would like to respond to your mini-editorial in the September issue regarding the declining Amateur Radio population (page 3).

Perhaps it could also be because of the big turn-off caused by the spreading cancer of the use of profanity on the air and the frequency "ownership". I find these both very annoying and have no desire to chat with others who practice such. Profanity on the air is very discourteous to whoever is listening on the other end, or anyone else who might overhear. It is illegal and I believe that those who use it really having nothing worthwhile to say anyhow.

I find that those who do it the most are Extra Class license holders or those who have had their tickets for some time and think they are untouchable. I really don't believe the use of "ass, damn and hell" have any place on the air.

The other annoyance is the feeling some have that just because they have had a schedule on a certain frequency for some time, no one else had better be on that frequency when it comes time for their particular schedule. What newcomer is likely to keep his interest in Amateur Radio when he runs into this kind of treatment on the air?

In our particular area, we have been

this type of operating on the air, I wonder if they would believe us next time.

KEITH JOHNS, KC7FS
Twin Falls, Idaho

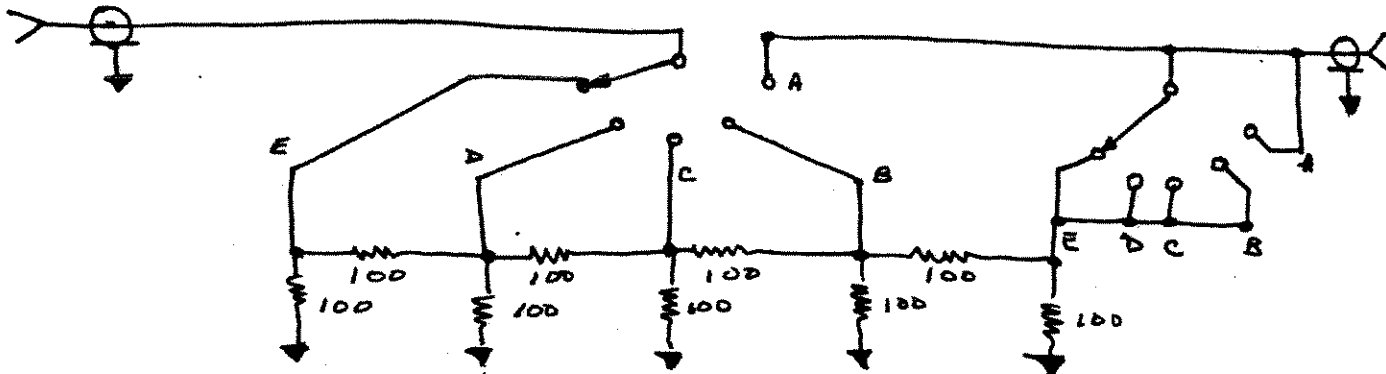
able to defeat ordinances that were being considered to limit antennas and towers by stressing the public service, especially emergency communications, that are provided by Amateur Radio. If some of the zoning commissioners heard

LADDER ATTENUATOR

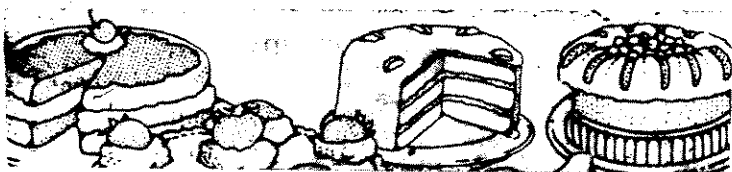
Receiving attenuator for comparing antennas and preamps.

Made with 1/4 watt composite resistors of 5% tolerance.

A = 8 DB
 B = 18 DB
 C = 28 DB
 D = 38 DB
 E = 48 DB



Rick - NU7Z



HOT SAUSAGE CHEESE DIP

- 1 lb Hot sausage, ground
- 1 lb Velveeta Cheese, cut into chunks
- 1 Chopped onion
- 1 Chopped green pepper

Cook sausage, onion and pepper until done. Drain fat, add cheese. Heat until cheese is melted. Serve on party rye or crackers.

Pati - WB7VJA

FROM YOUR V.P.

I want to take this opportunity to tell everyone the "Happiest of Thanksgivings" and the Merriest of Christmas's.

The Christmas party was a great success and thanks to all for putting it on. It was very enjoyable.

As we move forward to 1987 I hope we can look back in retrospect at 1986 and declare it a good year. We won in "86" and can carry this moment on into 1987. I'm ready and I hope that you are too. Many good things are in store for all of the Mike and Key Club Members!! Let's make 1987 one to remember.

Thanks to All
 Rick - NU7Z



PHOTO CONTEST

Everybody does something for pleasure or to pass the time away. Some hunt, fish, take pictures or maybe sew, knit or play with radio in some form. Of all pastimes, or hobbies, the taking of pictures of hills, trees, family members or such, is something almost all of us do. Kids take pictures of the family, pets, friends, or usually just about anything they see, to mimic Mom and Dad, as they add to their memories using a camera. This brings me to this. A photo contest. But, a contest needs rules, and as follows, are the rules for the Mike and Key Photo Contest.

CONTEST RULES

1. You must be a member of the Mike and Key Club, or a family member living at home to enter.
2. Any Photo taken from January 1986 until March 1987 can be used. Color or black and white. Deadline for entries will be March 1, 1987.
3. Only one entry per class allowed per person.
4. All entries must be framed. Plain wood or metal frames. No fancy matting or frames will be permitted, as judging should focus on picture quality or subject.

5. Entries will be submitted up to 16" x 20" size. Minimum entry size will be 5" x 7".
6. Classifications:
 - a). People pictures: Family members, friends or interesting group shot.
 - b). Open class: Buildings, contrasts, studies or?.
 - c). Scenic: Sunsets, shots of city, mountains, etc...
7. Any camera or lens or film is okay, from your Brownie Hawkeye to the most modern of new generation S.L.R.

Awards for 1st and 2nd place for all classes will be awarded at Mike and Key Banquet in May.

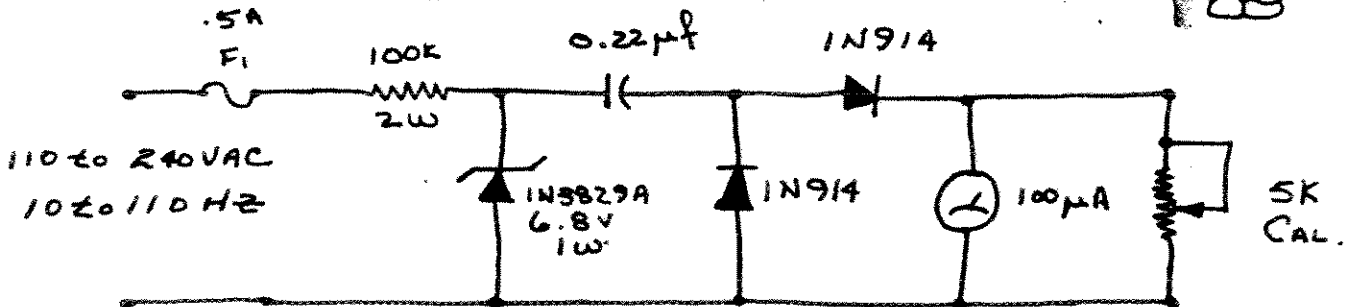
You must print clearly on back of entry your Call, Name, address and phone number and Class you wish your entry to be judged. XYL and kids do the same, but be sure Member's call is also included.

And last, but not least, Photography is fun, like radio or sports or whatever you do for fun. You only get out of it what you put into it. The judges, I hope, will see what you have done and make their decisions based on what they see. If you have any questions, call me at 783-2489. If I'm not home, leave a message and I'll get back to you.

Good Luck - de: WA7HQG -- Little John



POWER LINE FREQUENCY MONITOR



This meter will indicate frequency from the power source. Incoming frequency is converted to square wave by the 100K resistor and the zener. Then the square wave is differentiated by the capacitor and current averaging diodes.

To calibrate, hook to your household line voltage and adjust "cal pot" for 60 ua. This is now your reference.

NOTES + + +

WWARA has elected Gib Gibson, W7JIE, to the position of FCC Liason for the WWARA.

As all of us know, there is a new year coming up and we have a lot of things going for us in this Club. Lets not stop now. All of us have to keep working to make this a better Club. Lets keep trying for more new Hams, we need them.

This is a little early, but, you can be thinking about it. Election of Club Officers and Trustees will be coming up sooner than you might think. So, start a list of who you want at the head table this coming year.

Just don't forget, when nominating a person for a position, don't select someone that won't show up for the meetings or someone that doesn't have any interest in the job. Likewise, don't volunteer to do something and then ignor your commitment or delay the operation by not doing what you volunteered for.

We got pre-empted out of our usual Saturday at the Good Neighbour Center in January. They called to tell us that they needed that Saturday for a First Aid class that they haven't been able to hold for the last four years and that was the only Saturday that they could get the people that they needed teach First Aid. The rest of the year looks good for us on for the third Saturday of each month.

Joyce - XYL of N7HKL (Ted) passed her Novice Exam. Congratulations from everyone at K7LED.

The Christmas Party again was enjoyed by 31 people who braved the fog and rain to attend a great party. One member wandered around for a considerable length of time until WA7EBH went out and found him and brought him into the fold. Lots of real good food was to be had and I don't think much of it went back home. Those of you who elect to just stay away from our functions, I feel sorry for you. The "White Elephant" present exchange seemed to go over big, at least I didn't hear any complaints! Our Thanks to WA7UVJ and his Wife for all the decorations and getting the place ready for us.

From time to time I receive articles from a few of the members, which is Great!!, keep them coming, I like it that way!! However, I have one request please - if you are using a computer or typewriter, please make your column 3 1/2 inch or 7 1/2 inches wide. I prefer the 3 1/2 inch column for most of the articles in the RELAY. (Ed)

QSL cards - I have enough basic stock for about 3000 more cards. Those of you who want cards please let me know. It is about \$3.00 less when we go in for a multi print rather than print for just one person. (Ed)

Come prepared for a Question and Answer session for the next many Club meetings. There will be handed out a paper containing questions from the FAA Pool of Advanced Questions. You will have a short period of time to mark your answers then we will discuss them. I'm sure we have experts in the club that has an answer for each and every question. - Good Luck!!

HAPPY HOLIDAYS

Well, the Holiday Season is here. One noticeable way of telling was the annual Mike & Key Christmas Party. Held at Forest Ridge again, I felt a good time was had by all. Certainly, I know I enjoyed it. In fact, I got the best gift in the White Elephant Gift Exchange, a tube Older than most of our members, and in mint condition.

Speaking of age, a little contest got started at the Party, The idea was to guess the average age of all those attending, to the 10th of a year. Would you believe four people managed to guess right! Dont't ask me for the answer, I forgot it. So much for important statistics. (Ed Note. 48.7).

I want to thank all of you who attended and I appreciate all the good food you brought too. Admit it guys, your wives know how to cook. Special thanks to Corrine Christiansen, for all those table centerpieces. Those tables were looking prety bare before they arrived.

Hope we can get that place for next year Jack.

Merry Christmas to all.
Mike & Diane
(WA7UVJ * W.I.F.E.)

At the November Club meeting there were some amendments to the Club Constitution presented. Three of the amendments were to have been re-written. That has been accomplished as presented below.

Compare this with that which was presented in the November issue of the Relay in as much as the entire Constitution will not be printed in this issue of the Relay.

Be prepared to act on these amendments along with what was presented last meeting. For your reference, please bring your November issue of the Relay with you to the December meeting.

Section 1 - MEMBERSHIP

A. CLUB MEMBERSHIP - Membership in this Club shall be by approval of the existing membership. An official Club membership application shall be submitted at a regular business meeting by the applicant. The application shall be reviewed by the Executive Board and a recommendation shall be made to the membership prior to voting. At the next general membership meeting attended by the applicant, the application shall be voted upon. A two-thirds (2/3) majority of the voting membership present is required to approve the applicant for membership.

B. ASSOCIATE MEMBERSHIP - Associate membership is available to those who cannot actively participate in Club activities. Application shall be made to the Executive Board for Associate membership. The Executive Board shall approve or deny membership in this category. Special consideration shall be given to those who, for specific reasons, cannot meet the requirements of full membership.

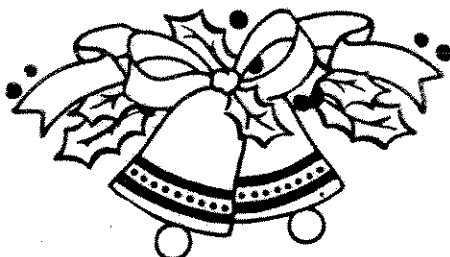
ARTICLE XI. Disbandment:

In the event this Club is disbanded, dissolved or ceases to function as a Club, (here-in after known as disbandment), disposal of any and all funds remaining in the treasury at the time of disbandment will be at the discretion of the remaining members of the Club.

Any and all equipment remaining in the Club will be sold by any means available and the money placed in the Club treasure for disposal..

D. Awards Committee.

The Awards committee shall consist of the last three (3) recipients of the "Pop Brown" award who are members of the Mike and Key Amateur Radio Club.



+ + + + SCAM + + + + SCAM + + + +

I know that somewhere in this Relay, Ray has already mentioned the re-licensing SCAM going on. You know, the one for \$50.00 when all you need is a 22 cent stamp.

I walked into work last week and was talking to a Ham friend who isn't active. However she wanted to keep her license renewed, until she received the SACM letter. Fooled by it, she was going to forget Ham radio permanently. It's unfortunate this sort of thing is legal but that doesn't mean it isn't stoppable.

Information is the key. Get the word out. I got a copy of the letter for publication so you can see what we are up against. It's a Sly little thing but we can stop it in it's track here and now. Then maybe these people will crawl back under the rock from whence they came.

By the way, my firend is getting her license renewed, for 22 cents. 73 - WA7UVJ.

GENERAL MEETING 11-15-86

To order @ 1005 by NU7Z w/pledge

New members: Jim K7QDI, Bob NX7N,
Jerry NF7X 38 members present

Treas: \$6373 in assets

Minutes from Oct approved

Activities: Bowling party was a
sucess - Christmas party Dec 6th

Radio officer: 6m problems clearing
up - 2m machine being worked on

Public Service: Nov 29 Seattle
Marathon, K6DOW - Santa talks
K7QMI on 146.96R

ARRL: Watch out for scam letter
concerning ham license renewal -
also chain letter going around to
hams

Old business: jackets and T-shirts -
pay Hal prior to pick-up - new
order in progress see Hal


New business: Constitution/By-Laws
changes first reading - vote on 11
Dec

Our novice class restarts Jan 8th
at Highline C.C.

Radio classes start Jan 6th @ No.
Seattle C.C.

Breakfast at Renton Big Boy at 0730

Adjourned at 1112

Metro Washington, D.C. P.O. Box 775 McLean, VA 22101	FEDERAL LICENSING, J.V. AMATEUR RADIO SERVICE DIVISION	Gettysburg, PA P.O. Box 610 Gettysburg, PA 17325
<p>Dear Licensee:</p>		
<p>Our review of FCC records has revealed that the radio station authorization - LICENSE - which you were granted within the AMATEUR RADIO SERVICE has EXPIRED. As you are aware, it is a violation of FCC Rules to operate a radio system without proper authorization.</p>		
<p>If you wish to renew your license, we can assist you in the preparation and filing of the documentation required to obtain a current license. To facilitate this, simply follow exactly the steps below:</p>		
<ol style="list-style-type: none"> 1. Review and correct if necessary the information contained on the address label below. 2. Print the name and telephone number of the person to contact where indicated. 3. Attach completed form to your service and preparation fee payment of \$50.00. Please make your check payable to Federal Licensing, J.V. 4. Mail all items noted in "3" using the envelope provided. 		
<p>Expired licenses presently have a grace period of 2 years to renew and retain their call sign. If the license expires for a period of 5 years, the applicant is then required to re-test. All new amateur licenses are now granted for a period of 10 years.</p>		
<p>Federal Licensing is the only licensing organization located adjacent to the FCC Amateur Branch in Gettysburg, PA. Additional assistance regarding your licensing needs is always available by calling us at (717) 334-9118 between 8:00 AM and 4:00 PM.</p>		
<p>Sincerely,  John A. Herrick Federal Licensing </p>		
FEDERAL LICENSING, J.V. P.O. BOX 610, GETTYSBURG, PA 17325 (717) 334-9282		
AMATEUR RADIO SERVICE DIVISION		
NAME & TELEPHONE NUMBER OF PERSON TO CONTACT, IF NECESSARY	AMOUNT ENCLOSED _____	
_____ <small>(NAME)</small>		
_____ <small>TELEPHONE NUMBER</small>		



* * * JACKETS/T SHIRTS * * *

I have picked up the current order and will have them at the December meeting. If you haven't paid me yet please bring a check for \$25.00 per jacket and \$7.10 per Tee shirt. I am putting together another list for Tee shirts and Jackets. Make check out to: Hal Goodell. Thanks - Hal - N7NW

SUN	MON	TUE	WED	THR	FRI	SAT
				1	2	3
HAPPY NEW YEAR						
NEW YEARS DAY						
4	5	6	7	8	9	10
CLUB NET 3930 KHZ 1000	CLUB NET 224.12 MHZ 1930					CLUB MEETING 10:00
11	12	13	14	15	16	17
CLUB NET 3930 KHZ 1000	CLUB NET 224.12 MHZ 1930					
18	19	20	21	22	23	24
CLUB NET 3930 KHZ 1000	CLUB NET 224.12 MHZ 1930					
25	26	27	28	29	30	31
CLUB NET 3930 KHZ 1000	CLUB NET 224.12 MHZ 1930					
JANUARY BOARD MEETING WILL BE ON 30 DECEMBER 1986						

DECEMBER

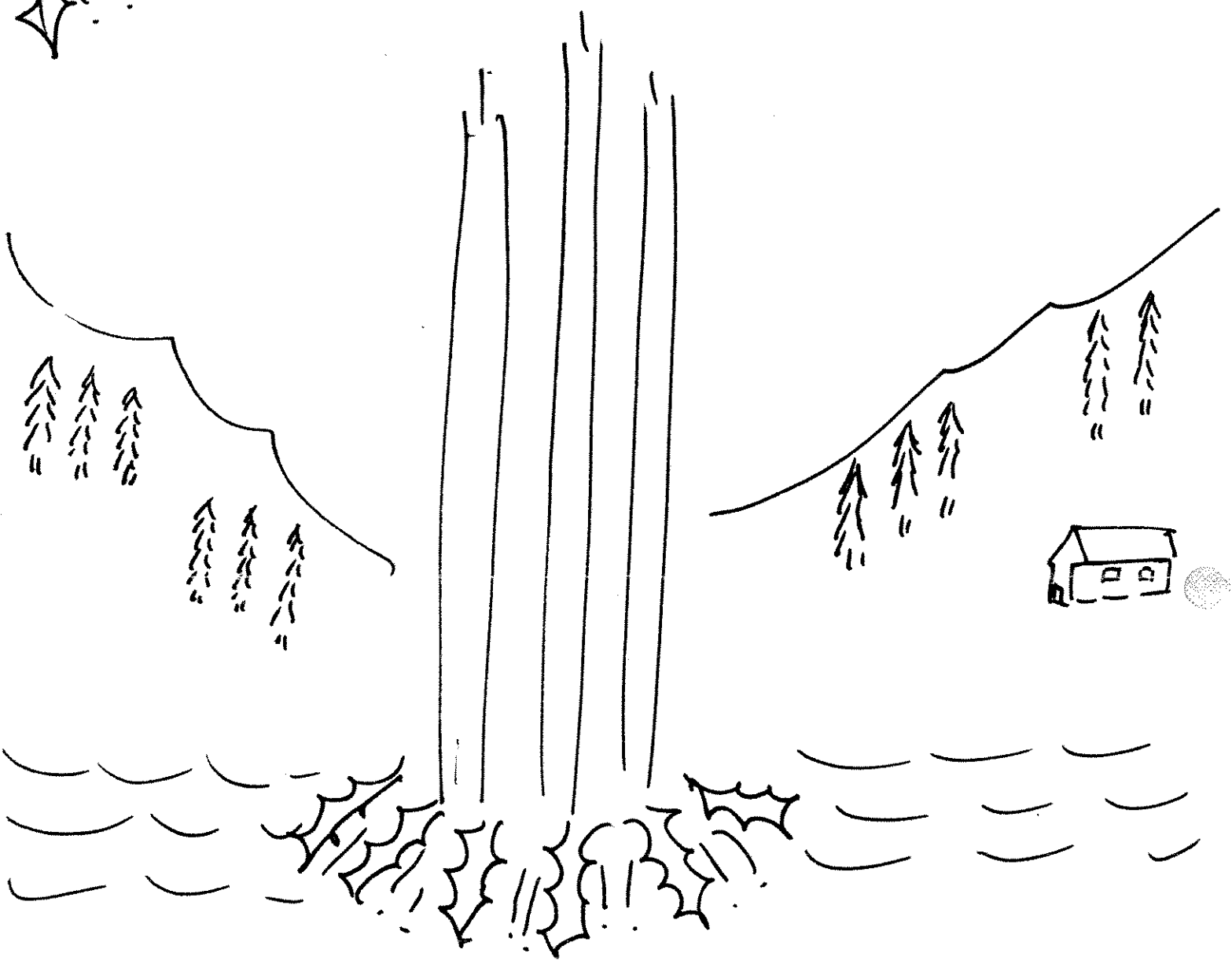
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

FEBRUARY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28



M&K TO ALL



MERRY CHRISTMAS

Jim Rick Jim Jack Mike Vic Pat Wayne Hal Chuck Ken Ray

