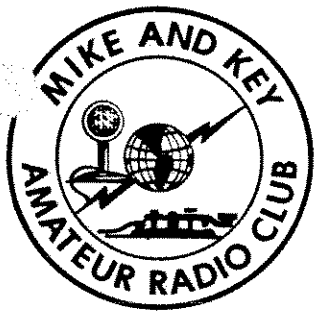


K7LED RELAY



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 9:30 AM in "The Good Neighbor Center", 305 S. 43rd St., Renton, WA. All "HAMS" invited. The Mike & Key Net meets each Wednesday evening at 1930 hrs on 224.12 and 146.82-22 Mhz. The repeaters are linked. Your Check-in is welcome.

AN ARRL AFFILIATED CLUB LOCATED NEAR SEATTLE, WASHINGTON

VOLUME 17

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NUMBER 2

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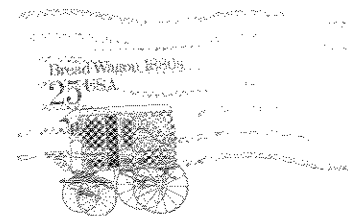
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RELAY DEADLINE 7 MARCH 1989



REPEATER FREQUENCY
52.05 - 53.05
146.22 - 146.82
224.12

First Class

BOARD MEETING

FIRST TUESDAY
OF EACH MONTH

CLUB MEETS:

18 FEBRUARY 1989

RENTON 10:00

UGN CENTER

HEDBERG, PETE K7WTG
20904 NE 77TH ST
REDMOND
WA 98053

BREAKFAST: #730
AT MITZEL'S IN KENT

COFFEE AND DONUTS WILL BE READY AT 0930

De the PREZ.....

ELECTIONS are coming!!! Elections are coming!!! Are you ready for this?? I sure hope so. It's time to consider your choices for the individuals that you want to run your club this and possibly next year, too. I would like to encourage each of you that hasn't run for office to do so because you will be pleasantly surprised to see how much fun it is to work with an organization as great as this one is. Please consider sitting on the board for a year or two. I promise that you won't be sorry.

Next month is a really busy one for us as a club. If you haven't signed up for the Flea Market work list, please do so at the next club meeting. Don't delay -- we need all of the members we can to take part in this event. It's great fun and it helps our club for the next year, too. SEE YOU THERE!!!

During the March meeting will be the election of officers -- Be there or be square -- 1989 is a real busy one!!!

April 1 is the Club Awards Banquet. Plan to be there!!! It is one of the best events of the year and the prizes are just great. This year we will be at the Ballard Eagles. Please plan to attend.

Also in April is the second annual work party at Fort Flagler. I hope to see each of you there. It's a great time and it helps to keep the fort in good shape for us to use. Contact Jack KB7ZS for details.

June is our Field Day at Fort Flagler. If you haven't been there, you're really missing a great outing for the whole family. Plan to attend this year and join in on the fun. 73 - Rick NU7Z

FLEA MARKET SET-UP

FRIDAY, MARCH 10, 1989

CONTACT HAL N7NW

MIKE AND KEY AMATEUR RADIO CLUB MEETING
January 21, 1989

The meeting was called to order at 10:00 a.m. by NU7Z

Pledge and Welcome

It was announced that this meeting would be the first day of technical forums. The frequency of the technical forums has not yet been decided. Quarterly was suggested.

The Club is actively seeking a new meeting place. More information will be given later.

K6DOW gave the Public Service Report.

Be sure to sign up for the Flea Market on March 11.

Food donations are needed for 1989. NU7Z read the thank you letter from the Griffin Home. The Club is also accepting toys which are given in connection with the Masons again this year. They indicated our donations were very helpful.

WB7TBR announced badges are available for \$5.60. He handed out certificates to new members. Seven new applicants were unanimously voted as members of the Club.

KB7ZS gave the Treasurer's report in the absence of WA7EBH.

WA7UVJ reported on the upcoming bowling party.

KA7QHG collected newspapers.

NU7Z turned the time over to K7PHZ to conduct the technical forum.

WA7UVJ and W7JIE presented various topics. Very nicely done!

The meeting was adjourned at 11:58 by K7PHZ and NU7Z. Submitted by N7JPN.

PUBLIC AFFAIRS -- WHAT IS IT?

Who's business is it?

Hi! I'm Al, also known as WV7R. Together with Vic, WB7TBR, I have been delegated by the powers-that-be to see what can be done to get the Mike And Key ARC and amateur radio some meaningful and consistent media attention. What this may or may not entail is a topic open for lengthy discussion, with perhaps a small amount of bitter debate thrown in for balance! Whatever "it" may be, will be totally up to those of us in the amateur fraternity to either mold public opinion for us or against us. The next few columns that Vic and I will be preparing for the RELAY will be for the purpose of outlining some of the problems as we see them, and to get some input from you as to how we may address these problems. Other articles will deal with specific plans to bring the Mike and Key ARC before the public eye in a more favorable light. First though, and without trying to be too negative, let me outline some basic conceptions that the general public now hold of us.

Keep in mind that when I say "general public", I am not referring to friends and neighbors who have perhaps seen your station and who know about amateur radio to some degree. General public to me means those people who cannot tell any difference between Hams and CBers, or worse, those whose only concept of "HAM" is something eaten for dinner.

1. People who do not know any Hams have a basically negative impression of us. Often confusing us with CBers for that matter, they have gotten this impression for two main reasons:

A. Most of what has appeared in the press has been in the form of "hard news". This is what a reporter feels will catch the public's eye or ear. Most of this type of news is negative in content because this is the type of news the public seems to want and remembers best. In this category would fall such recent stories as

the Kirkland Ham's battle with City Hall over an antenna he wanted to erect; an antenna neighbors thought to be "ugly"; or, the article that supposedly had a Ham radio operator making false and dangerous transmissions to Naval vessels in the Persian Gulf. Like them or not, fact or fabrication, these are the pictures that the public is getting of you!

B. There is little to counter-balance this type of negative publicity, both because retractions or corrections don't get the front page banners that the accusations do, and because of most Hams' basic ignorance of how the media, and it's politics, work.

2. Amateur Radio is somewhat like a secret society...people know we are around, but do not know what we do, can do, nor whether they can do it, too. Remember, we are fast becoming a nation of Ph.D. holders of Couch Potato degrees, and unless we make ourselves so easily accessible that people may have to literally trip over us, many who would become great operators might not find us. In this world of I-want-it-now mentality, people generally will not look long for something when perhaps something else presents itself more readily.

I'll end this brief introduction there. Next month we will start dealing with some fixes for our image problems. 73, Al, EV7R

FLEA MARKET EXAMS

As in years past, we will be making VE Exam sessions available during the annual Mike & Key Flea Market.

There will be two sessions, one in the morning and another past noon. Because of the high demands for seats at these sessions, reservations are accepted and recommended. To get information on how, what, when, and where; send me an SASE and we'll get the ball rolling. -uvj

Michael Dinkelman
637 2nd Ave So.
Kent, WA 98032

DATES TO REMEMBER

The new year brings some of busiest times for this club. Do your part and join in/help out with these various events. You just might enjoy yourself.

March 11 - Flea Market

* lots of workers needed to pull this one off. people are needed to provide security, direct vendors, and be go'fers. people are needed to help with setup the day before also.

March Club Meeting - elections

* get your nominations in or volunteer yourself.

April - Annual Awards banquet

* chance to recognize those hard workers within the club and have a good 'ol time. This year it's at the Eagles Club in Ballard.

April/May - Fort Flagler work party

* here is where we help pay back our use of this state park during Field Day. had a lot of fun last year and wouldn't miss it this year. watch the relay for a date.

June 2-4 - SEAPAC convention

* been two years since the last amateur convention in Seaside, OR. start thinking of room reservations now. always a big M&K turnout. wear your jackets!!

June 23-25 - Field Day

* the biggest ham bash of the year. blow your brains out with the Friday night party and operate in an impaired condition for the rest of the weekend. (I usually don't TOUCH a radio for a month after this one)
-uvj

The purpose of the visit was to appraise the facility as to it's suitability for a new meeting place for the Mike & Key ARC. The following is a brief description of the facility:

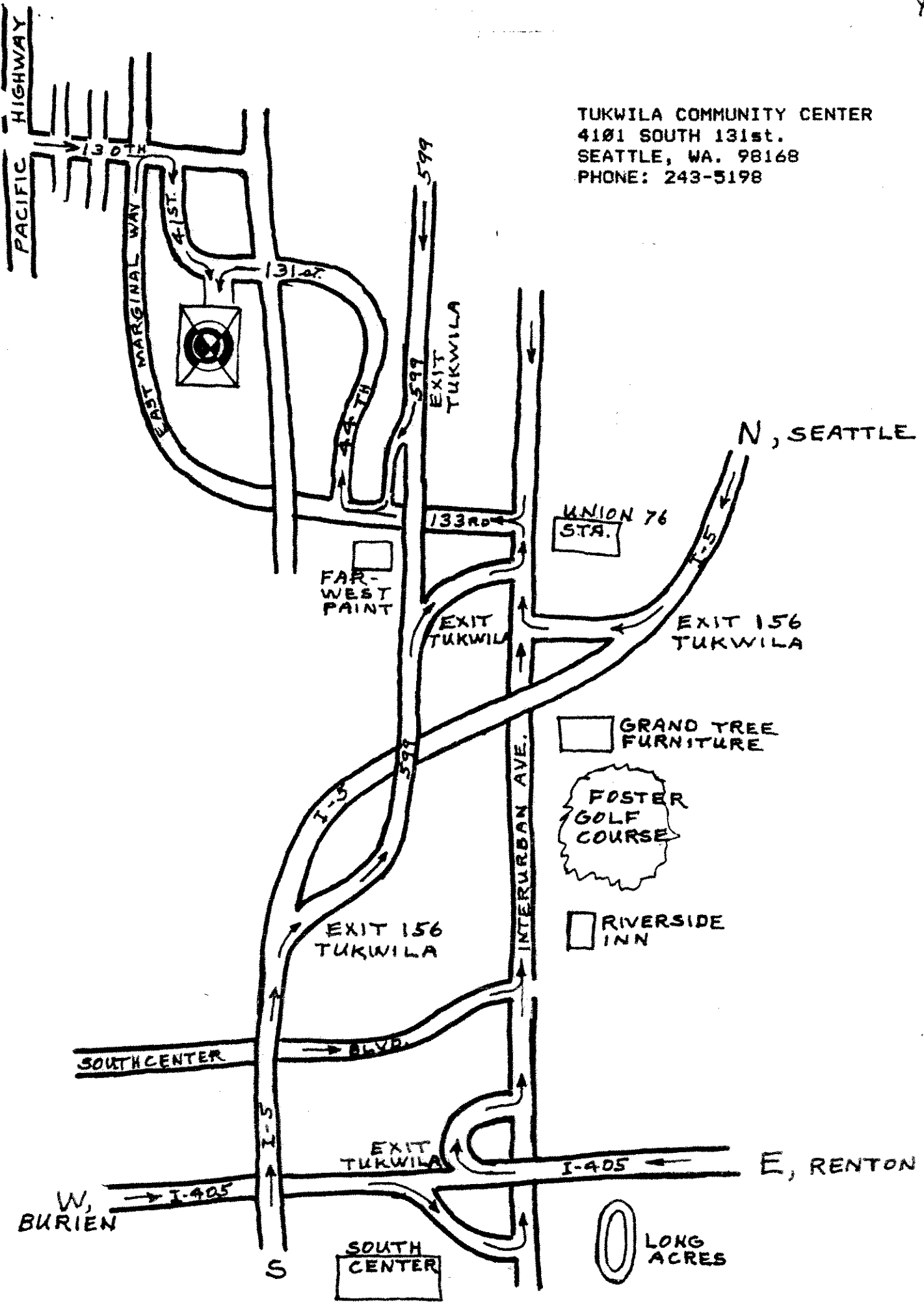
- 1 There is parking for about 80 cars.
- 2 The room available is a gymnasium which will accomodate 200 people legally.
- 3 Tables and chairs will have to be set up and TAKEN DOWN/PUT AWAY.
- 4 A kitchen is adjacent to the gym and is available for no extra charge.
- 5 The room(s) must be cleaned up and left as they were found. If we fail to do this there is an additional "clean-up" fee.
- 6 The gym is available beginning April 15, 1989 on a PERMANENT basis every third Saturday from 9:00 AM to Noon. One exception-- the third Saturday of February is permanently scheduled by another group--however--
- 7 Another room (82 capacity) is available for our use on that day in February.
- 8 No smoking in the facility.
- 9 Coffee and rolls are OK. We may have a short term problem for storage of our coffee urn and supplies but the Manager is going to try to find storage space for us.
- 10 Restrooms are close by.
- 11 Access from Interstate 5 (north and south) & Interstate 405 is easy.
- 12 There are "stands" for our flags available.
- 13 Acoustics seem very good.
- 14 Our cost will be \$44.00 per use. That includes the gym and kitchen. A one time key deposit of \$25.00 per key is required. Payment is flexible: monthly, semi-annually or annually.

REPORT OF INSPECTION OF NEW MEETING FACILITY.

On January 5, 1989, Rick Beatty NU7Z, Dick Keller W7TWU, Jimmy Sutton WM7A, Ken Jackson K7PZX, Mike Hansow KA7CSE and Vic ZumBrunnen WB7TBR, visited the Tukwila Community Center 4101 So. 131st. We met with "Dave" (phone # 243-5198).

IT IS THE UNANIMOUS OPINION OF THE SIX MEMBER INSPECTION TEAM, MENTIONED ABOVE, THAT THE FACILITY WILL MAKE A GOOD MEETING PLACE FOR THE CLUB AND THE COST ARE REASONABLE. THIS POSITIVE RECOMMENDATION WILL BE MADE TO THE EXECUTIVE BOARD AND TO THE CLUB MEMBERSHIP. IF THE BOARD AND MEMBERSHIP AGREES THE FIRST MEETING WILL BE APRIL 15, 1989. de Vic WR7TRB

TUKWILA COMMUNITY CENTER
4101 SOUTH 131st.
SEATTLE, WA. 98168
PHONE: 243-5198



THE VOLUNTEER
A Valuable Human Resource

R. "Mitch" Miller, N6DAA, former Hemet, CA. Chief of Police.

Webster defines resource as "...somethin gone turns to in the absence of the usual means or source of supply, . Resource...appl(ies) to anything one falls back upon..." (Websters Seventh New Collegiate Dictionary).

One of the most precious and valuable resources on earth is the human being.

As much as some of us would like to believe that we don't need anybody else, it would be virtually impossible to survive without others. We are dependent upon the services of others at birth, we are dependent upon others when we get old and feeble and we are dependent upon others all of the time between. Without the services of others, for example, we wouldn't be able to read this writing, we wouldn't have the paper it is written on, we wouldn't be able to write - I could go on ad infinitum with examples.

Most of what we need and obtain to sustain us in this life, we have to pay for, work for or in some way earn.

Many human beings give freely of themselves, of their own free will, in order to provide some of the goods and services to others when others may not otherwise have the resources to fall back upon. Some examples: volunteer nurses, volunteers who assist the elderly, volunteers who provide general community service, volunteer policemen, volunteer firemen, etc.

Volunteer services often can mean the difference between life and death. People who volunteer their time, service and talents are commendable people whose contribution in some way or another makes this a better world in which to live.

Not to detract from any other group of volunteers, my purpose is to point out the value of one particular group - Amateur Radio operators.

I believe that, in general terms, society as a whole doesn't really know much about the several hundred thousand operators throughout the world. Some are heads of state. Senators, doctors, lawyers and just common folks. They come from all walks of life and have varied and diverse talents, backgrounds, and educational levels.

They are, however, tied together with one common thread - they all enjoy their hobby of communicating by radio. Some do it through orbiting satellites, some by use of Morse Code, some by digital means, and others with just two-way radios. Some spend thousands of dollars to enhance their equipment and capabilities, others do not.

Amateur Radio operators are proud of the fact that they hold a license - they introduce themselves as well as their fellow hams by their call sign, they sign letters with their call signs, they include them on correspondence and even put them on business cards.

Within this large community of operators, there are various specialized groups of communications providers. One such group is called RACES, which is an acronym for Radio Amateur Civil Emergency Services. The purpose of this group is to provide radio communications to local and state preparedness agencies during periods of local, regional or national Civil emergencies. RACES operates under the auspices of the Federal Emergency Management Agency, and are the only group of Amateurs that would be allowed to operate their equipment in the event the President invokes his War Emergency Powers.

Hemet and the surrounding area is fortunate to have a cadre of some 75 such RACES volunteers, among whom are three pilots who have volunteered their services to fly

for aerial surveillance/damage assessment providing a communications platform in the sky should that be needed.

the value to the community of a group of radio operators such as RACES cannot be over-emphasized. They very well could be, and on many occasions have been, the lifeline into and out of areas which have been struck by flood, fire, earthquake, or other disasters. That ham operator that is your neighbor, who has that big ugly antenna may end up being your salvation. But for him/her, your neighborhood could be left to perish.

The next time you see that big ugly antenna, think of it as something other than offensive. Be glad it is there - you may need it.

If you would like to be a member of this elite group of citizens, contact one of them. They will have or will get for you all information you need to join.

the event of a major, widespread disaster, whether it be natural or manmade, your government - local, state, or federal, will not be able to do all that needs to be done. The government and your fellow human beings will need you - consider being a volunteer in your field.

--Submitted by Stanly E. Harter, KH6GBX, Amateur Radio Service Coordinator, Governor's Office of Emergency Services, California.

REPORTING ACCIDENTS

Here is a checklist on how to report accidents and other incidents to the Highway Patrol or other law enforcement agencies.

Location: 1) If a freeway, confirm which freeway by comparing name and route number; 2) distance and direction from crossroad or major landmark; 3) direction of travel and lanes involved if blocked.

Injuries: Is an ambulance needed? Is anyone pinned inside the vehicle?

Roadway condition: If blocked, can vehicles be moved? Is there spillage? If so, is it fuel or load?

When reporting other incidents by radio, here are things to look for when giving a vehicle or suspect description: 1) color and size of vehicle; 2) location - as specific as possible; 3) (for moving suspect or vehicle) time frame, direction of travel and can you still observe the vehicle or suspect from a safe location? (Txn Lolly Craig, CHP dispatcher, and Kern County-Central Valley ARC Communicator) - Stan Harter, KH6GBX.

FLEA MARKET SET-UP

FRIDAY, MARCH 10, 1989

CONTACT HAL N7NW

ARRL DX CONTEST

This is a biggie ladies and gents. The CW version is Feb 18 and the phone(?) version is March 4. The excellent band conditions available lately should really make this years contest a barnburner.

Never contested before, well this is a good time to start! Just cruise the bands and pick some victims. Believe me, by the end of the contest, the big boys will be begging for some action. (they've worked everyone else)

Also, here is your chance to up your country total. If you aren't a devoted DXer already, this contest just might do you in. At the very least, you'll work enuf JA's to fill your QSL bureau (buro) envelope to the gunwales.

No reason for Novices/Techs to feel left out either. The 10 meter phone band will probably be THE place to be during the phone portion of the contest. Give it a try.
-uvj

You are no doubt aware that a movement is afoot to revisit the need for a no-code license. The editorial in January QST addressed in general this subject. President Price has appointed a committee to study this matter and report its recommendations to the July Executive Board meeting. TWO North-west amateurs are members of this committee: Mike Lamb, N7ML, CEO of AEA and Ken Kopp, K0PP, Section Manager of Montana. I would suggest we all follow the old adage, "Don't shoot till you see the whites of their eyes", on this subject. Assuming that the idea may have merit, let's see just what is proposed in the way of a license and its privileges before we jump to any final conclusion. For your information, 15 countries already have a no-code license including England, which has had a no-code license for 30 years and leads the world in Amateur UHF technology. This subject was raised at the recent Board meeting, however, no action was taken at this time awaiting the report of the special committee.

The following have been appointed as Assistant Directors for 1989:

WASHINGTON

N7CY, NM7N, WA7VEH, K7WF, WM7R, W7JIE, K7LAY, N7RO, W7SRZ,
NB7G, KC7PH, KA7CSP, KU7F, WU7Y, W7JPH, W7BUN, W7LG.

OREGON

WB7SIC, W7TWL, W7PJ, W7FBP, LB7T, W7AGO, WE7Q, NK7U, K7YDM.

IDAHO

W7JMH, N7BI, N7GNU.

MONTANA.

WA7DED, WA7PZO, WB7QQN, WA7GUT, WB7INH, K0PP.

ALASKA. NL7DK

These Assistant Directors are members of one or more clubs, and should be called on for the latest information on ARRL affairs, and as a listening post to hear concerns of members. They are instructed to pass any questions they are not able to answer to your Director or Vice Director who have better access to ARRL headquarters.

Advisory Committee appointments for 1989 are as follows: CONTEST--K5MM/7. DX--K9JF/7. UHF--NU7Z. PUBLIC SERVICE--K7RUN. REPEATER--K7CR.

FINALLY--18Mhz was released for US amateur use by the F.C.C. as of 0001UTC 31 January 1989. Band limitations are: 18068-18168 Khz. CW permitted across the band. RTTY, Packet, AMTOR, from 18068 to 18110 with SSB, etc from 18110 to 18168. (Don't forget if you use USB, never go above 18165KHZ else you are in violation of band limits).

W7RM, W7QMU, KR7L, and other NW league officials are listed on page 8 of QST each month.

+++++-----+++++

HERE WE GO AGAIN ??

The spectre of 'No Code' is again raising it's head. The last time this subject came up, it almost tore the amateur community apart. Needless to say, it's a volatile and emotional issue.

This isn't an article to plead yea or nea. Unfortunately, this is an issue of great complexity and EITHER fork in the road could be a boom or bust for amateur radio.

I do feel however, that the amateur radio service will be undergoing great pressures and changes in the next decade no matter what the outcome of the new debate.

No, the purpose of this article is to get you thinking. A wide variety of editorials and articles have popped up on just this subject in the past two months. It would be of benefit for all of us to carefully weigh the issues and come to rationale decisions. Then maybe, I'll give mine..... -uvj

NORTHWESTERN DIVISION NEWSLETTER.

This new bulletin from your ARRL Northwestern Division elected officials will be mailed to all amateur radio clubs in the Division quarterly, beginning with this February issue. The February and August bulletins following the January and July Board meetings will include highlights, and decisions affecting our Division. We would welcome your including any or all of this bulletin as part of your regular club newsletter.

ARRL membership continues to grow at a rate of 5% a year, and now stands at an all-time high of 140,415 full members. The Northwestern Division led all Divisions in growth in 1988 with a 9.19% increase--a full 2.11% over the next highest Division. All Division members that participated in recruiting, training, and testing new amateurs, and promoting the ARRL to new and old amateurs alike, are to be congratulated. We are a long way from having all amateurs as members of ARRL, so let's keep up the good work!

I am pleased to report favorable January Board action on my motion to form a new Section East of the Cascades. This motion was recommended by Brad Wells, KR7L, Washington Section Manager, and his staff after careful study and discussions with many amateurs and groups on both sides of the State. The new Sections will be called Eastern Washington Section, (EWA), and Western Washington Section, (WWA), with the dividing line formed by the Cascade Mountain range. I have approved the interim appointment of Tom Plaisance, KC7PH of Yakima, as Section Manager of the new Eastern Washington Section. Tom will hold that position until the next regular Section Manager election which will take place for a two year term of office commencing October 1, 1989. Candidates for both Sections must file for office not later than the 9th of June with ballots going out about July 1, 1989. Notification of this election will be printed in a coming issue of QST.

There has been a large noise raised about having this Washington Section action being put to a vote of the membership. Historically the addition of Sections or division of Sections is a matter of Executive Council action. There has never been a precedent for taking an action on the formation of a new Section by a plebiscite, nor is there any criteria in the Articles or By Laws of the Corporation, or in the Rules and Regulations of the ARRL Field Organization. There will be a new Rule 8 recommended for adoption by the Volunteer Resources Committee at the next Official Board meeting in July.

There has been concern expressed by members regarding the new 10 meter radios being marketed by Radio Shack. There is NO legal requirement that a potential purchaser prove he is licensed before a transmitter is sold to him. To the best of the League's knowledge, no major amateur retailer imposes such a limitation on their sales people voluntarily. The same can be said for sales by amateurs in flea markets. ARRL has long supported a point-of-sale proof-of-license requirement for obtaining transmitting equipment. In the deregulatory environment of the past decade, there has been no reasonable possibility of promoting such legislation. Tandy/Radio Shack officials are well aware of amateur concerns. They have notified potential purchasers of the equipment of the licensing requirement in at least four ways: in the flyer, in a prominent place on the outside of the box, on a sticker on top of the rig itself, and in a lengthy explanation in the instruction manual. The instruction manual includes information on how to best help in studying for a license and on joining ARRL.

There are some 2,000 hams in the Tandy organization. While they're in business to make a profit, we have every reason to believe that the HTX-100 is designed for the Amateur market and not for bootleggers or for conversion to out-of-band use. We welcome Tandy's interest in Amateur Radio as a sign that a major electronic retailer shares our belief that Amateur Radio has a bright future.

MARCH 1989

S M T W T F S

| | | | | | | |
|-------------------|----|---------------------|--|--------------------------------------|-----------------------------------|---|
| | | | 1 M&K NET NITE | 2 Bd. Mtg. @ WATEBH 1930 | 3 | 4 |
| 5 | 6 | 7 | 8 M&K NET NITE CHECK IN YOUR STATION AND HEAR WHAT'S HAPPENING | 9 | 10 FLEA MARKET | 11 |
| 12 | 13 | 14 | 15 M&K NET NITE CHECK IN YOUR STATION AND HEAR WHAT'S HAPPENING | 16 | 17 → SAINT PATRICK'S DAY | 18 ATTEND YOUR CLUB MEETING COFFEE AT 0930 BRING A FRIEND |
| 19 PALM SUNDAY | 20 | 21 SPRING BEGINS | 22 M&K NET NITE CHECK IN YOUR STATION AND HEAR WHAT'S HAPPENING | 23 | 24 GOOD FRIDAY | 25 |
| 26 EASTER | 27 | 28 | 29 M&K NET NITE CHECK IN YOUR STATION AND HEAR WHAT'S HAPPENING | 30 | 31 | |

HAPPY VALENTINES DAY