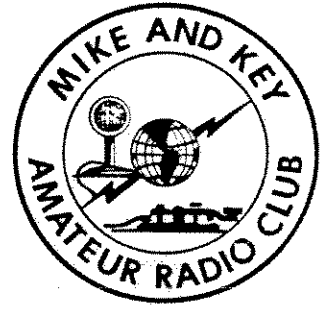
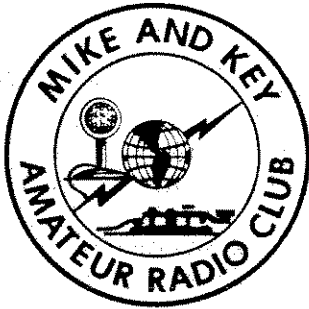


K7LED RELAY



The K7LED RELAY is the Official Publication of the MIKE and KEY AMATEUR RADIO CLUB, P.O. Box 2121, Kirkland, Wa 98033-2121. The club meets the third Saturday of each month at 9:30 AM in "The Tukwila Community Center", 4101 South 131st. Seattle, Wa. 98168. All "HAMS" invited. The Mike & Key Net meets each Wednesday evening at 1930 hr 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 18

MARCH

1990

NUMBER 3

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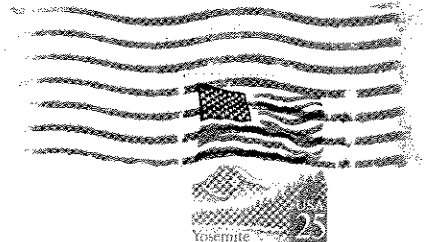
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RELAY DEADLINE 3 APRIL 1990



REPEATER FREQUENCY
52.05 - 53.05
146.22 - 146.82
224.12

Check mailing label for date that your dues expire. Mail renewal to treasurer or pay at next meeting.

First Class

BOARD MEETS

FIRST TUESDAY
OF EACH MONTH

CLUB MEETING
Third Saturday
of Each Month
17 MARCH 1990

TUKWILA COMMUNITY CENTER
4101 South 131st
Seattle, WA 98168
Phone 243-5198

K7WTG 91/01
HEDBERG, PETE
20904 NE 77th ST
REDMOND, WA. 98053

Breakfast 0730
Riverside Inn, Tukwila

COFFEE AND DONUTS WILL BE READY AT 0930

The
Presidents
Corner

Well another year has just about passed into Mike & Key history. For me it has been a good year, going along pretty much as planned with no major crisis. In my mind, this was fine as I felt a need for a period of leveling out after our rush of new members and the major undertakings of the prior few years. Although I will no longer be in office I assure you I will not go away.

During the remainder of this year much will be going on. The Fleamarket will be over, a great event and success I assume, elections will be held at the next meeting for the coming year, and the Banquet will be held April 7th. We need max participation in all these events and I am sure you will find the time well spent.

With the Board meeting this evening I am not sure who might be planning on running for office but when the time come on Saturday the 17th the nominations will be open to all. This will be your last chance, for a year, to become involved in the processes that set the course our Club is going to follow. Jump in, the waters fine.

Many thanks for your support this year. Do the same for our new Officers and Trustees. All the best.

73, Jack KB7ZS

ANSWER TO WORD PUZZLE
(published in Feb RELAY)
THE PARTY LEFT ME B L E A R Y
SO I COULD B A R E L Y PLANT
THE B A R L E Y. de W7JIE

Tear off and return to Mike Dinkelman
637 2nd Ave. So. Kent, WA. 98032
Phone number 854-4031.

1990 MIKE AND KEY ANNUAL AWARD BANQUET

SAT. APRIL 7, 1990 AT THE BALLARD EAGLES.

Dinner choices are 1) Sirloin Steak or 2) Chicken Dinner
both meals include vegetables, potatoes and beverage.
There is a no host bar before hand handled by our own W7VIH.

Cost is \$8.50 per person incl. tip and tax.

Name: _____ Call _____

Number of Steak Dinners _____ @ \$8.50 = _____

Number of Chicken Dinners _____ @ \$8.50 = _____

Amount enclosed _____

DEADLINE FOR RESERVATIONS IS SUNDAY APRIL 1st 1990.

INTRODUCTION TO PACKET RADIO - PART 3 by Larry Kenney, WB9LOZ

In our last column I talked about how to get on the air and make your first QSO. This time I'll be explaining the special calls used in packet radio, the use of digital repeaters (called digipeaters), and how to use some of the commands in your TNC.

THE SSID: Each licensed amateur is allowed to have up to 16 different stations in operation at the same time on packet radio. You could have your home station, several digipeaters and a bulletin board system all operating with your callsign. To differentiate between the various operations you use an SSID, a "Secondary Station ID", attached to the end of the callsign. The SSID is shown as a dash followed by a number, 0 through 15. An SSID of -0 is usually not shown, and is not needed.

DIGIPEATERS: Digipeater is the term we use to describe a packet radio digital repeater. Unlike voice repeaters, most digipeaters operate on simplex and do not receive and transmit simultaneously. They receive the digital information, temporarily store it and then turn around and retransmit it.

Your TNC will allow you to enter up to eight digipeaters in your connect sequence, but using more than 3 usually means long waits, lots of repeated packets, and frequent disconnects, due to noise and other signals encountered on the frequency.

When entering the list of digipeaters in your connect sequence, you must make sure that you enter them in the exact order that your signal will use them. You must separate the calls by commas, without any spaces, and the EXACT callsigns must be used, including the SSID, if any. That means you need to know what digipeaters are out there before randomly trying to connect. Turn MONITOR ON and watch for the paths that other stations are using or check

the digipeater listings. Here are some examples of proper entries:

```
C W6PW v W6PW-5
C N6ZYX v WA6FSP-1,WB6LPZ-1
C W6ABY-4 v K6MYX,N2WLP-2,AB6XO
```

Something to remember when using digipeaters is the difference between making a connection and sending information packets. If the path isn't all that good, you might be able to get a connect request through, but will have a difficult time with packets after that. The connect request is short so it has much less of a chance of being destroyed by noise or collisions than a packet containing information. Keeping information packets short can help keep retries down when the path is less than ideal.

NODES: Net/Rom and TheNet nodes are another means of connecting to other packet stations. A complete review of their operation will be covered in a later part of this series.

TNC PARAMETERS: The Terminal Node Controller, that "little black box" we've talked about in the past, has more than 90 different commands available. You're able to customize your packet operating with these commands and turn on and off various features as you wish. Not all TNCs are exactly alike, but all have pretty much the same functions. I'll be using the commands used by the TNC2 and clones in my examples.

We covered a few of the commands in a previous article: CONTROL C for entering command mode, MYCALL, MONITOR, CONNECT, and DISCONNECT. Now let's discuss a few that can change the way your station functions.

ECHO: This command tells the TNC whether or not it should send what you type back to the monitor screen. If you don't see anything when you type, set ECHO to ON. Iff yooou sseee ddoouubbllee, like that, set ECHO to OFF. This setting will depend on how your particular computer system functions.

CONV (converse mode): Your TNC will automatically switch to this mode when you connect with someone, but you can also do it by entering CONV (CR) at the Cmd: prompt. When in converse mode, anything you type will be transmitted via the path you set with UNPROTO. (See the next paragraph.) Anyone in monitor mode will be able to read what you transmit. Packets in converse mode are sent only once and are not acknowledged, so there is no guarantee that they'll get through. This mode is used frequently for sending CQ's.

UNPROTO: This command designates the path used when in converse mode. The default is CQ, but you can enter a series of digipeaters if you wish, or a specific group or club name. Some examples:

CQ v WB6SDS-2,W6SG-1,AJ7L

SFARC v W6PW-1,W6PW-4

Remember, you have to change UNPROTO for use on different frequencies, unless you leave it set simply to "CQ".

FRACK: This determines how long your TNC will wait for an acknowledgement before resending a packet. It shouldn't be set too short, or you simply clutter up the frequency, yet it shouldn't be too long, or you'll spend too much time waiting. I use FRACK set to 7, and have found that to be an overall good value.

DWAIT: Used to avoid collisions, DWAIT is the number of time units the TNC will wait after last hearing data on the channel before it transmits. I have DWAIT set to 16, and have found that to work well.

PACLEN: Determines the number of characters in your packets, ranging from 1 to 256. The more characters you send per packet, the longer it takes to transmit the information and the greater your chances are of noise, interference or another station wiping it out. I've found a PACLEN of 80, which is the length of one line, to be a good value. When working a station nearby, PACLEN can be increased. When working a distant station, it should be decreased.

RETRY: Your TNC will retransmit a packet if it doesn't receive an acknowledgement from the station you're working. RETRY indicates the number of times the TNC will try to get the packet through before giving up and disconnecting. This can be set from 1 to 15, but I've found 8 to 10 to work well. Less than that causes an unnecessary disconnect if the channel happens to be busy, but more than that clutters up the channel. [NEVER SET RETRY TO 0 - ZERO!]

Try working with those commands. In the next article I'll cover a few more, plus take a look at how to use a packet bulletin board system.

VE EXAMS

I received a call the other night from a concerned member. It appears that a non-member had asked another member for information on attending the Flea Market VE session. This person told the potential examinee (who wanted to take the Novice) that a sending test was required and that if he passed his Novice, he wouldn't be able to try for his Technician. Both of those statements were false and fortunately the member who called me was able to set the record straight, as this potential ham certainly wasn't going to come to our session if these conditions were true. (and I wouldn't have either).

Now, I don't know if these mis-statements were out of ignorance or deliberate. However, if anybody has any questions on how VE exams are conducted or managed, I would appreciate them being sent to a qualified VE examiner. In this club you can see Jim (K7ND), Mary (W7QGF), or myself, as well as a few others. Hopefully, this will not happen again. Thanks. -uvj

AWARDS BANQUET

The time is rapidly approaching for another Mike & Key Awards Banquet. This is the occasion we use to review the past years accomplishments and to reward all those who have worked hard to keep this Club running. We will also be installing our new club officers.

This year's banquet will be held at the Eagles in Ballard, Saturday, April 7. The good times start at 6:00 PM with the attitude adjustment hour hosted by Pat Shinnars at the bar. At 7:00, dinner will be served, your choice of steak or chicken. (I can recommend the steak, as it was excellent last year.) Following dinner, the roasting and awards begin, and at 9:00 there is dancing when the band arrives.

This year we should have the area to the east of the dance floor. This will put us in our own section with a little more privacy. It's also bigger so we can have some elbow room.

You should find a reservation form in this RELAY. Please indicate your choice of dinner(s) and mail it to me with the required payment. Also, I will have reservation forms available at the club meetings for those of you who don't care for ripping out their newsletters. This is one of our major social events of the season. So, make a date and help the Mike & Key celebrate the start of its 19th year.
WA7UVJ

MY TWO BITS

The following comments represent the opinions of Michael Dinkelman, and not necessarily anyone else....

We have a problem! Actually, it's not a new problem or a unique one. It's a problem clubs all over the country have. (and they don't even have to be radio clubs). It's the problem of APATHY. (those of you who don't care can skip the rest of this).

ap-a-ty (noun) 1. lack of emotion 2. habitual lack of feeling 3. indifference

Yup, that's what we got! Now if I had the cure I could make a zillion bucks, you say. Actually, I do have the cure, and it's called involvement. Problem is, not many of you are willing to take the chance, and THAT, I don't understand.

Why aren't our members willing to spend a couple hours a month serving on the board? Why isn't one person out of sixty/seventy, attending a club meeting, willing to organize a banquet? Why can't we get Field Day Band chairmen without twisting arms or calling on the same ol' reliables? Where are the RELAY articles from 160+ members o this organization?

Is it fear?

Is it time?

Is it lack of knowledge?

I honestly want to know WHY?

The survey results I wrote up last month had a lot of positive things to say about this club. Most of the negative things could be cleared up with a little involvement. I hope that in the next year that many of you will become ACTIVE members in the Mike & Key ARC. Just remember.....

Membership has it's privileges.
It also has it's responsibilities!

That's my two bits for tonite. -uvj

GENERAL MEMBERSHIP MEETING MINUTES- FEBRUARY 24, 1990

The meeting was called to order at 9:57 AM by Jack, KB7ZS, President. Introductions and welcome followed. In attendance were 83 members and guests.

A new applicant, Lee Holten, N7NKQ, was introduced and was voted into membership.

Today's program led by Claire, KB7GEW on Computers and Amateur Radio was held with four experts on different modes of communication. The program was well received and followed by a lengthy question-and-answer session.

Break was taken and the meeting resumed at 10:55.

Officers reports:

V.P. Mike announced there have been some thefts at Amateur Radio Supply Co. recently. Please keep your eyes and ears open, especially at the Flea Market.

Treasurer Chuck reported a balance of \$4,678.00 as of Jan 31. The 90-91 budget was presented to the club for discussion. It was moved by Tom, WA7YFH, seconded by Joe, N7NKA, to approve the budget as published. The vote was passed unanimously by the membership.

General announcements from various committees were given.

Nominating Committee: More nominations are still being sought. Elections will be held at the next general meeting.

A Fort Flagler work party is being scheduled for May 5 for some outside work to the music buildings. This will be mostly painting and clean-up. It promises to be a fun time and those wishing to stay over in their RV, can. Jim, K7ND has reservation forms available for Field Day to be held in June.

The annual Banquet will be held at the Ballard Eagles on April 7. The prize committee was selected. The banquet chairman is Mike, WA7UVJ.

The remainder of the meeting was given to the Flea Market Committee concerning the upcoming event. Much help is still needed as we are expanding to two floors and possibly 250 tables.

There being no further business, the meeting was adjourned at 12:04. Mike Cross, WB7AYU, Secretary.

FLEA MARKET A BIG HIT

Well we pulled another successful flea market event off. At the first look at the figures it looks like we had roughly 2000+ people thru the front gate and appropriately 250 tables with sellers eager to sell their wares to the just as eager buyers.

It took the helping hands of about 60 club members and non members to pull the thing off. For those of you that helped out, a hearty **THANK-YOU** from the committee, to those who didn't you missed a great time. We even had our traditional Chinese dinner afterwards with about 16 people attending.

We have heard about 85% good comments about the use of the second floor and how things were handled and about 10% bad comments. The other 5% were suggestions on how to handle things better next year. If you have any comments, good - bad or suggestions on how to better our efforts please send them to the board c/o KA7CSE.

The country store did a landslide business with 43 sellers and almost \$3000 in sales. Remember this for next year if you don't want to buy a table. A few of the sales values approached the \$300+ price tag. There was alot of good stuff in the store this year.

For those of you who missed it this year, we had three major NW vendors in attendance, ICOM, ARS and C COMM. We wish to extend our thanks to them for their participation and hope that they did well and will return next year.

It has been suggested that next year we expand to the KINGDOME, and invite the whole US Ham population to attend (Dayton of the NW), but I think we have a ways to go to get that big. In fact I don't think our treasury could even come close to paying the rent for the dome.

In closing thanks again to those who participated and hope to see everyone there again next year. WA7EBH

M. L. GIBSON W7JIE
1215 N. 28 PLACE
RENTON, WASH. U.S.A. 98056



NEWS

FEDERAL COMMUNICATIONS COMMISSION
1919 M STREET, N.W.
WASHINGTON, D.C. 20554

News media information 202 / 632-5050
Recorded listing of releases and texts
202 / 632-0002

1737

This is an unofficial announcement of Commission action. Release of the full text of a Commission order constitutes official action. See MCI v. FCC, 515 F.2d 385 (D.C. Circ. 1975)

Report No. DC-1560

ACTION IN DOCKET CASE

February 8, 1990

FCC PROPOSES NEW CODELESS CLASS OF AMATEUR OPERATOR LICENSE (PR DOCKET 90-55)

The Commission is proposing to amend its rules by establishing a codeless class of amateur operator license to be called the Communicator Class. The Communicator Class would be incorporated into a simplified licensing structure containing four ascending steps: 1) Communicator, 2) General, 3) Advanced, and 4) Amateur Extra Classes. Current Technician and Novice Class operator licenses would be grandfathered indefinitely, with no new licenses issued for those license classes but existing licenses could be modified or renewed.

The codeless operator class license would satisfy three major objectives. The first objective is to offer an entry level license for all persons who find telegraphy a barrier to pursuing the purposes of the amateur service. The second objective is to design a codeless license that can easily be implemented into the current licensing process. The third objective is to avoid any negative effect upon current licensees, the volunteer examiners who administer amateur examinations, or the Commission's workload.

The amateur service exists for the purpose of self-training, inter-communication and investigations to be carried out by duly authorized persons interested in radio technique solely with a personal aim, and without financial gain. Individuals seeking a license to operate an amateur station must prove that they can send correctly by hand and receive correctly by ear, text in Morse code signals. Although this requirement may be waived for an operator of an amateur station transmitting only on frequencies above 30 MHz, each of the five classes of operator licenses issued by the Commission requires the applicant to pass an examination in the international Morse code.

The Communicator Class operator license would not require knowledge of Morse code telegraphy messages. Privileges for the Communicator Class would include all emission types. The Communicator Class license would replace two existing beginner operator classes and would simplify the amateur operator license structure.

The Commission would require applicants for the Communicator Class license to pass a 60 question written examination. The new question pool would be comprised of the questions from the two pools currently used in the Novice and Technician license examinations as well as the addition of new questions.

(over)

The proposed transmitter power for the Communicator Class would be 200 watts peak envelope power and the licensee's station would be eligible for a Group D call sign. Stations with Communicator Class control operators would not be permitted to transmit on the 2 and 6 meter VHF bands and the HF bands. The Commission is requesting comments on the effect of excluding Communicator Class licensees from the two VHF bands. Comments are also requested on the desirability of including the opportunity for Communicator Class licensees to experience on-the-air telegraphy operation on the HF bands. Additionally, a Communicator Class licensee who passes or receives credit for a telegraphy examination would be authorized the privileges of the Technician Class.

The Commission is requesting comments on all aspects of this proposal.

Action by the Commission February 8, 1990, by Notice of Proposed Rulemaking (FCC 90-62). Commissioners Sikes (Chairman), Quello, Marshall and Barrett.

-FCC-

News Media contact: Patricia A. Chew at (202) 632-5050.
Private Radio Bureau contact: Maurice J. DePont at (202) 632-4964.

INPUT	OUTPUT	ACCESS	LOCATION	R.SITE	ELEV	R.CALL	FEATURES	CONTACT
222.98	223.58							
222.28	223.88	CLOSED	MT VERNON	MT VERNON		W60HR	DA/0 deg	EDGAR FOX, W60HR
222.30	223.90	0	CARNATION	CARNATION	140'	KA7AEF	A,E,L	RICHARD GIBBS, KA7AEF
222.32	223.92							
222.34	223.94	0	ENUMCLAW	GRASS MTN	4382'	N7HDX	CA,E,L,X	N7HDX, 051688
222.36	223.96							
222.38	223.98	0	SEATTLE	MAIN TIGER MTN	3000'	N7NW	A,X	WA7ECU 112189 W
222.40	224.00	0	BURNABY	CENTRAL PK	623'	VE7BYL		ROB KUSE, VEYBKU
222.42	224.02	0	SEATTLE	QUEEN ANNE HILL	500'	WB7EWO	E,A	PAUL KIRSFELDS, WB7EWO
222.44	224.04	0	COQUITLAM		350	VE7IOT		PRARFCA
222.46	224.06	0	BELLEVUE	W4MCG/QTH	1000'	AI7N	CA	W4MCG 102389
222.48	224.08	100.0	FEDERAL WAY	FEDERAL WAY	600	WB7CQV	A,CA,L	WB7CQV 030988
222.50	224.10	0	KIRKLAND	QTH of WA7SPR	550'	WA7SPR	A,L	WA7SPR, 052688
222.52	224.12	0	SEATTLE	TIGER MTN	3000'	K7LED	X	N7NW 040588
222.54	224.14	0	VICTORIA	MT McDONALD	1500'	VE7VIC	E,L	ALAN MUIR, VE7BEU
222.56	224.16	0	SEATTLE	ROOSEVELT HILL	480'	K6LIE	A,Z	JERRY ACETO, K6LIE
222.58	224.18	0	TACOMA	Ch28 TWR	617'	K7DBU		K7DBU, 021889
222.60	224.20	141.3	SEATTLE	McMIKKEN HGTS	450'	KL7BB	L	BILL BALZARINI, KL7BB
222.62	224.22	0	EVERETT	EVERETT	100'	N7BUG		BOB HUSON, WA7HYD
222.64	224.24	0,PL	SEATTLE	CAP. HILL	605'	W7ERH		W7ERH
222.66	224.26	0	PROPOSED	VET. HOSP.	400'	KC7FN		KC7FN, 100688
222.68	224.28	0	KIRKLAND	FINN HILL	500'	WA7TQS	A,L	WA7TQS 030988
222.70	224.30	0	VANCOUVER	MT SEYMOUR	3200	VE7RPT		PRARFCA
222.70	224.30	0	HILLSBORO	BALD PK	1100	W7CLU		W7CLU 070789
222.72	224.32	0,C	SEATTLE	W7PPW/QTH	515'	W7PPW	CLOSED	W7PPW, 013089
222.74	224.34	0	SEATTLE	SAFECO BLDG	500'	K7NWS	A,L	B.E.A.R.S.

INPUT	OUTPUT	ACCESS	LOCATION	R.SITE	ELEV	R.CALL	FEATURES	CONTACT
222.76	224.36	0	UNKNOWN			N7BCY		MEL MARTIN, N7BCY
222.78	224.38	0	SEATTLE	BUCK MTN	4000	WA7JNM	A,E,L	WB7VHL 030988
222.80	224.40							
222.82	224.42	0	ENUMCLAW	GRASS MTN.	4000'	N7HXX	E,X	N7HXX, 112689
222.84	224.44	0	LONGVIEW	RUNNY NOSE RDG	2000	K7ZUW	CA,E,L	K7ZUW, 011488
222.86	224.46	0	OLYMPIA	TUMWATER HILL	500'	W7HMJ	CA,E,R	OLYMPIA ARS, W7HMJ
222.88	224.48							
222.90	224.50	0	HILLSBORO, OR.	SO. SADDLE MTN.	3506'	W7CLU	E,	W7CLU 070789
222.90	224.50							
222.92	224.52	0	TACOMA	INDIAN HILL	730'	W7DK		RADIO CLUB OF TAC.
222.94	224.54							
222.96	224.56	PACKET	BREMERTON	W. GOLD MTN	1700'	N7BTI	PACKET	JOHN GATES, N7BTI
222.98	224.58							
223.00	224.60							
223.02	224.62	0	CAMPBELL RIVER	NEWCASTLE RDG	4250	VE7RNC	L	PRARFCA
223.04	224.64							
223.06	224.66	0,PL	LONGVIEW	RAINER HILL, OR	1182	WB7UUP	A,CA,E	WB7UUP 030988
223.08	224.68	0	SEATTLE	BEACON HILL	500	W7SRZ	A,E,L	W7SRZ, 040488
223.10	224.70							
223.12	224.72	PL	***ANY***	***ANY***	ANY	ANY	S.N.P.	WJARA
223.14	224.74							
223.16	224.76	0	ENUMCLAW	BALDI	4002'	WB7DOB	A,CA,X	WB7DOB, 091089
222.18	224.78	0	BREMERTON	GOLD MTN	1720'	W7EBF	E	WA7FUS 081889
223.20	224.80	0	SEATTLE	W. SEATTLE	385'	KD7FK	A,Z,R	KD7FK, 052588
223.22	224.82							
223.24	224.84	PL	***ANY***	***ANY***	ANY	ANY	S.N.P.	WJARA

INPUT	OUTPUT	ACCESS	LOCATION	R.SITE	ELEV	R.CALL	FEATURES	CONTACT
223.24	224.84	0	RICHMOND		0'	VE7TOK		M. GJERNES, VE7MBG
223.26	224.86	0	BELLINGHAM	TOAD MTN	1085'	W7ISX	E	W7ISZ 030988
223.26	224.86	0	NASELLE	NASELLE	2050'	NJ7L		NJ7L 112689
223.28	224.88	0	SEATTLE	W7TPF/QTH		W7TPF		W7TPF 111689
223.30	224.90	0	VICTORIA	TRIANGLE MTN.	800'	VEYBEU		ALAN MUIR, VE7BEU
223.32	224.92							
223.34	224.94	0	VICTORIA	SATURNA IS.	700	VE7RCU	L	PARARFCA
223.36	224.96							
223.38	224.98	0,118.8	NORTH BEND	RATTLESNAKE MTN	3328'	KC7UW	E,L	BILL DAVIS, KC7UW

1990 **Mar 11 - Apr 21** 1990

MARCH AND APRIL EVENTS

SUN	MON	TUE	WED	THU	FRI	SAT
Mar 11	Mar 12	Mar 13	Mar 14 7:30pm MIKE AND KEY NET ON 146.82 RPTR.	Mar 15 7:00pm PUBLIC SERVICE NET ON 146.82 RPTR. 7:30pm PARS RADIO CLUB	Mar 16	Mar 17 7:30am Breakfast at Riverside 10:00am CLUB MEETING FOR ELECTIONS TUKWILA CC 1:00pm VE EXAMS at Good Neighbors Center
Mar 18	Mar 19	Mar 20	Mar 21 7:30pm MIKE AND KEY NET ON 146.82 RPTR. Spring begins	Mar 22 7:00pm PUBLIC SERVICE NET ON 146.82 RPTR.	Mar 23	Mar 24
Mar 25	Mar 26	Mar 27	Mar 28 7:30pm MIKE AND KEY NET ON 146.82 RPTR.	Mar 29 7:00pm PUBLIC SERVICE NET ON 146.82 RPTR.	Mar 30	Mar 31
Apr 1 April Fools Day Daylight Savings--set ahead 1 hour	Apr 2	Apr 3 7:30pm Board Meeting **RELAY DEADLINE FOR NEXT ISSUE**	Apr 4 7:30pm MIKE AND KEY NET ON 146.82 RPTR.	Apr 5 7:00pm PUBLIC SERVICE NET ON 146.82 RPTR. 7:30pm ISSAQUAH RADIO CLUB MEETING	Apr 6	Apr 7 8:00am CAMANO ISLAND HAM BREAKFAST 20th ANNUAL AWARDS BANQUET
Apr 8 Palm Sunday	Apr 9	Apr 10 Passover	Apr 11 7:30pm MIKE AND KEY NET ON 146.82 RPTR.	Apr 12 7:00pm PUBLIC SERVICE NET ON 146.82 RPTR.	Apr 13 Good Friday	Apr 14
Apr 15 Easter	Apr 16	Apr 17	Apr 18 7:30pm MIKE AND KEY NET ON 146.82 RPTR.	Apr 19 7:00pm PUBLIC SERVICE NET ON 146.82 RPTR. 7:30pm PARS RADIO CLUB	Apr 20	Apr 21 7:30am Breakfast at Riverside 10:00am CLUB MEETING in Tukwila 1:00pm VE EXAMS at Good Neighbors Center

FOR ADDITIONS CONTACT EDITOR