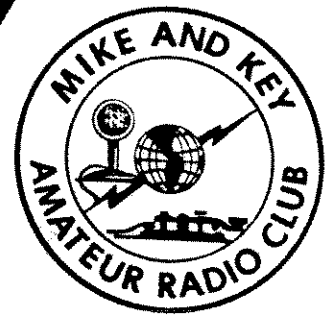


K7LED RELAY



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 9:30am in "The Good Neighbor Center", 305 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

SEPTEMBER 1986

NUMBER 9

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REPEATER FREQUENCY
52.37 - 53.37
146.22 - 146.82
224.12

BOARD MEETING

OCT-8TH
W7VIH - 1930 HRS

CLUB MEETS:
UGN CENTER
RENTON 10:00

PETE HEDBERG K7WTG
20904 NE 77TH ST
REDMOND
WA 98053

ACTIVITY EVENING



John J. Audubon



First Class

COFFEE AND DONUTS WILL BE READY AT 9:30

GENERAL MEETING 8-23-86

Called to order at 1003 by NU7Z w/pledge

Presentation of fastscan ATV by W7TWU and N7DOH with W7SRZ and help in Burien -call W7SRZ 146.43 simplex for more info.

Visitor: Ted N7HKL, Jim K7QDI, Ellis W7BQG
- 23 members in attendance

Minutes read/accepted.

Treas: Was missing this day but we are still solvent.

Activities: Picnic is tomorrow, return survey from last months Relay, Sept 12 is the cruise.

Radio Officer: Attended last months WWARA meeting - report on pending 2m repeater fixes - need club members to be active on repeater 146.82/22.

Public Service: Check calender in Relay - Sept. 7th Wheels of Fire see Rick NU7Z.

Relay: Inputs to Ray, WA7EKH - new corrected roster

QSL Cards: Going to press - see Ray - \$32/500

Nets: Need alternate net control for 220mHz - 75 m starts new format in Sept.

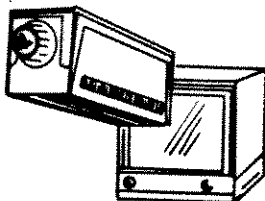
KCARS: Write letter to KA7MCP for status.

W7JIE: Possibility of Ham station at SEA-TAC for Christmas traffic - would be temporary station.

Training: Classes at N Seattle CC start Sept 24th, M & K Novice class starts Sept 15th at Highline CC.

Moved and seconded to adjourn at 1136.

Secretary - Jim - K7ND



BOARD MEETING 8-13-86

Present: W7VIH, K7YR, WA7EKH, WA7EBH, K6DOW, WA7UVJ, N7NW, NU7Z, WA7KBK, K7ND

ITEMS DISCUSSED:

1. 2m repeater - WWARA - will be ours effective Aug 31.
2. Wheels of Fire - Sept 7th
3. Novice Class starts Sept 25th
4. Remind Hal to call Ft. Flagler in Sept about building rental meeting in Oct.
5. Take survey for changing meeting to another day or earlier on Sat.

REPORT:

1. Nets
2. KB7ZS treasury report
3. WB7UVJ amateur radio expo is off for now
4. Free Fuyallup Fair tickets to be given away at club picnic
5. Club picnic is on for Aug 24th - map to be in Relay
6. QSL cards - see Ray - order to go to printer soon.

Next board meeting Sespt 10th at WA7UVJ at 1930 hours.

QSL QSL QSL

The QSL cards are starting to roll out of the printers. As of this writing the Club cards and four others have been completed. ThYre is quite a few more to follow. Those of you who need QSL Cards, this is the time to get them. The price is \$27.87 for 500 and \$52.01 for 1000 cards.

If you need QSL cards let me know at the next meeting. I need the following information:

- Your name as you want it on the card.
- Your Amateur call
- Your address; street, city, State, Zip
- Any awards you want shown, i.e., SMIRK number, WAS WAC, DXCC, ETC.
- The county you live in (i.e., King)
- The Zone you live in (this is zone 3)
- Your CN number (should be 87)
- Are you a life member of ARRL
- Any other things you would like on the card.

I will have samples at the meeting
73 - Ray WA7EKH

SUN	MON	TUE	WED	THR	FRI	SAT
			1 ACTIVITY EVENING ? ? ? ?	2	3	4
5 CLUB NET 3930 KHZ 1000	6 CLUB NET 224.12 MHZ 1930	7	8 BOARD MEETING QTH W7VIH	9	10	11
12 CLUB NET 3930 KHZ 1000	13 CLUB NET 224.12 MHZ 1930 COLUMBUS DAY	14	15	16	17	18 CLUB MEETING 0930
19 CLUB NET 3930 KHZ 1000	20 CLUB NET 224.12 MHZ 1930	21	22	23	24	25
26 CLUB NET 3930 KHZ 1000	27 CLUB NET 224.12 MHZ 1930	28	29	30	31	
HALLOWEEN						
<p>HAM/WEST IN LAS VEGAS NOVEMBER 7-8 1986</p> <p>ANSWERS: 1-G, 2-E, 3-D, 4-I, 5-F, 6-C, 7-J, 8-B, 9-H, 10-A. (Material from several amateur & commercial code sources).</p>						

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

PRESIDENT'S NEWS - VIA 20 METERS

There wasn't much of a vacation for Jimmy and I since he had to go to Florida in the middle of the summer. It, at least gives me an opportunity to see a little of Florida.

For those of you that don't know, he's working in Pensicola for 10 weeks, He won't be back until Nov. 11.

I will fly down half way in-between times to break it up - Sept 30 - Oct 15.

He loves the hot weather, is getting pretty fried in the sun basking on the white beaches. He's in an apartment right now, but will move to a Condo on the beach at Perdido Bay on the 18th.

He has his Transceiver with him also. He talks on 14.275 from 4:00pm - 7:00pm our time. We also vary the frequency from 14.270 to 14.280. I don't make it every night because of work, but he wants to talk to all he can while he's there. He's rigged up a dipole and isn't real strong, but readable most of the time. He said there's very little activity on 2 meters and they are very cliquish. He may use another ham's equipment to talk to me because he doesn't know what level of the Condo he will be on.

I enjoyed the picnic. I miss getting together with all of the hams for the the Club meeting. I took time out of my very busy schedule to be there. It's too bad more of you can't support the Club that you joined. We used to have a big turnout with kids and all. Now I know how to make more money for the ladies prizes. I'll charge everyone who doesn't show up. I hope everyone had a good summer.

The Other Half - WB7VJA

FROM : "Your VP"

"SUCCESS" - A great word to describe this last month for the Mike and Key Amateur Radio Club.

We had purchased a two meter repeater and been coordinated with WWARA, had the Club Picnic, gotten the Novice Class rolling at Highline CC, an Amateur Radio display at Puyallup Fair, and a public service event with "Wheels of Fire".

What a mouthfull!!! If you didn't partake in one of the above you missed a month of joys and successes for all of us as members.

For those who have and are working on the two meter "K7LED" effort, I extend my Thanks!

For those who put on the Club Picnic and those who went - it was a great "success"!

For those who are teaching our Novices through classes at Highline, I extend my hand to help in their continued "success"!

For those who take the time to put on Amateur Radio Demo's - A warm "Bravo"!

For those who helped on "Wheels of Fire", my deepest heart felt "Thank You" because you made it a "Success"!

And last but not least. - For all of you as club members who entrusted me to be your interim President, while Jim is away, I thank you for your support and patience in our continued "success".

For those of you who missed this month. - There's another one just around the corner. Jump on the wagon of "K7LED" and enjoy the great fun and "SUCCESS".

"73" Rick NU7Z

DATE	CONTACT	COMMUNITY FONE #	AMATEUR RADIO LOCATION	PUBLIC SERVICE EVENT
Sep 20-22	W7AKA	226-4115	Seattle-Victoria	Tri-Island Bike Trek (ALAW)
Sep 27-29	W7AKA	226-4115	Seattle-Victoria	Tri-Island Bike Trek (ALAW)
Nov 1-2	K6DOW	271-5314	Shelton Area	Tour-De-Forest (Sports Car)
Nov 30	K6DOW	271-5314	Seattle	Seattle Marathon
Dec 6	---	---	Seattle Area	Boat Rides for the Handicaped
Dec 6	KA7CNT	825-5321	Enumclaw	Christmas Parade
Dec 17-24	K7QMI	547-0404	King County	"Santa Talks" (Hospitals)

Contact K6DOW or W7JIE to add or change this calendar of events.

MIKE AND KEY ROSTER 13 SEP 86

CALL	NAME	ADDRESS	CITY	STATE	ZIP	PHONE	JOINED	DUES PAID TO
	DIANNA BECKER	21112 NE 60TH PL	REDMOND	WA	98053	885-1941	74/06	87/01
	ETHEL BROWN	2200 SW BARTON	SEATTLE	WA	98126		70/10	LIFE
	WILLIAM E BENNETT	625 109th Ave SE	Bellevue	WA	98004	451-9096	86/01	87/01
#N7AWW	ERNIE DAVIS	4209 SE 101ST AVE	PORTLAND	OR	97266	503-760-2130	73/12	86/12
#W7BUN	JERRY SELIGMAN	12306 80TH AVE E	PUYALLUP	WA	98373	845-7652	79/03	87/03
#W76PW	JIM STRANG	387 E DRY LAKE RD	CAMANO ISLAND	WA	98292	387-9510	74/03	87/01
#WA7GHZ	RALPH CORNELL	21211 4TH AVE SO	SEATTLE	WA	98148	878-8119	72/09	87/01
#WA7HWX	JAN HEDBERG	17720 NORTH PARK PLACE N	SEATTLE	WA	98133	542-8975	85/04	87/04
#WA7DXN	BOB MCGAHUEY	14840 74TH PL NE	BOTHELL	WA	98011	488-7841	80/05	87/05
#WN7NXC	LES JACOBS	14300 103RD NE	BOTHELL	WA	98011	821-8839	74/11	87/01
K6DOW	H WAYNE MODDISON	16646 SE 134TH ST	RENTON	WA	98056	271-5314	85/02	87/02
K6PQJ	ROBERT YERKES	4600 DAVIS AVE S #C-102	RENTON	WA	98055	226-3688	86/07	87/07
K7KDT	STEVE TILLET	1642 BROWNS PT BLVD	TACOMA	WA	98422	927-5456	70/10	87/01
K7MRH	WARREN NIXON	26908 AVON COURT	KENT	WA	98032	854-9028	84/02	87/02
K7ND	JIM CHRISTIANSEN	6122 36th ST NW	GIG HARBOR	WA	98335-7202	265-3481	70/10	87/07
K7PFR	JOHN BECKER	21112 NE 60TH PL	REDMOND	WA	98053	868-7915	71/12	87/01
K7PHZ	JIM CARPENTER	2125 ELM SE	AUBURN	WA	98002	833-9017	71/03	87/03
K7PZX	KEN JACKSON	18944 33RD AVE SO	SEATTLE	WA	98188	246-7354	70/10	86/09
K7QMI	TIM SCHNEEBECK	4522 BROOKLYN AVE NE #103	SEATTLE	WA	98105	547-0404	77-04	87/04
K7WTG	PETE HEDBERG	20904 NE 77TH ST	REDMOND	WA	98053	868-1563	70/10	87/01
K7YR	KEN RAU	5430 LAKE ALICE RD SE	FALL CITY	WA	98024	222-7711	72/12	87/01
KA7BOY	BILL KINGSINGER	19811 SE 370TH PL	AUBURN	WA	98002	833-7778	82/06	87/06
KA7QHG	FRANK KRIEBER	3410 S 166th St.	Seattle	WA	98188	243-9232	86/06	87/06
KA7SEH	TOM PHELAN	16460 51ST AVE SO	SEATTLE	WA	98188	243-5862	84/04	87/04
KB7LM	BOB RULIFSON	14232 SE 23RD	BELLEVUE	WA	98007	746-5192	77/12	86/12
	JOE FANNIN	100 130TH PL NE	BELLEVUE	WA	98005	454-4991	79/02	87/02
	JACK BURRELL	2432 138TH SE	BELLEVUE	WA	98005	746-4176	80/09	86/09
KD7G	GENE E SPRAGUE	10716 23rd Drive SE	EVERETT	WA	98204	206-337-3459		SEC MGR
KD7NM	BOB DONNELL	P.O BOX 45645	SEATTLE	WA	98145	631-2111	80/02	87/02
N7AMX	KARL de JONG	20903 NE 77TH ST	REDMOND	WA	98053	868-0457	78/06	87/06
N7AVD	DEBORAH de JONG	20903 NE 77TH ST	REDMOND	WA	98053	868-0457	79/01	87/01
N7BT	GEORGE BOROSS	11436 SE 208th #170	Kent	WA	98031	859-0392	79/03	87/03
N7GVX	FLOYD BOSWELL	12137 SE 276TH CT	KENT	WA	98031	631-9394	84/06	87/06
N7NW	HAL GOODELL	35916 11th Ave SW	FEDERAL WAY	WA	98023	927-7603	74/02	87/01
NU7Z	RICK BEATTY	23115 84th West	Edmonds	WA	98020	775-9196	85/12	86/12
W7JIE	M.L. GIBSON	1215 N 28TH PL	RENTON	WA	98056	226-4222	75/04	87/04
W7JNJ	HARRY LEWIS	10352 SANDPOINT WAY NE	SEATTLE	WA	98125	523-9117	74/02	87/02
W7JMP	ARNOLD LARSON	15348 70TH AVE NE	BOTHELL	WA	98011	488-7463	84/05	87/05
W7KDX	DICK DIETSCH	16807 NE 89TH	REDMOND	WA	98052	885-6559	76/10	87/01
W7MCU	LEN WESTBO	10528 SE 323RD ST	AUBURN	WA	98002	833-4834	84/11	86/11
W7PRW	CARL BUTLER	16831 40TH AVE S	SEATTLE	WA	98188	242-6297	70/10	87/01
W7QCV	HAF KING	451 145TH PL NE	BELLEVUE	WA	98007	747-0441	84/07	87/07
W7QGP	MARY LEWIS	10352 SANDPOINT WAY NE	SEATTLE	WA	98125	523-9117	74/02	87/02
W7VIH	PAT SHINNERS	534 N 78TH	SEATTLE	WA	98103	782-6978	79/04	87/04
W7ZLW	VERN NELSON	16812 NE 107TH	REDMOND	WA	98052	882-2907	78/03	87/03
WA7AVC	GORDON CADY	8216 38TH AVE NE	SEATTLE	WA	98115	527-1387	??/??	86/11
WA7EBH	CHARLES STROEHER	19415 SE 21ST	ISSAQUAH	WA	98027	392-5303	70/10	87/10
WA7EJY	ARCHIE BRUSH	22516 30TH AVE SO	SEATTLE	WA	98188	878-2833	71/01	88/01
WA7EKH	RAY LESLIE	13517 117TH AVE NE	KIRKLAND	WA	98034-2162	821-4188	71/12	87/01
WA7ELI	LEW RAMBO	11605 NE 150TH PL	BOTHELL	WA	98011	488-9120	71/01	86/07
WA7HGG	JOHN REHNSTROM	9621 9TH NW	SEATTLE	WA	98117	783-2489	71/01	88/01
3K	DON REMBAUGH	20175 45TH NE	SEATTLE	WA	98155	362-9189	74/08	87/01
WA7LNQ	JIMMY SUTTON	3516 SW 343RD	FEDERAL WAY	WA	98023	927-7008	75/07	87/07
WA7NIW	DICK RADFORD	3003 169TH AVE NE	BELLEVUE	WA	98008	883-9803	72/07	87/01

MIKE AND KEY ROSTER 13 SEP 86

CALL	NAME	ADDRESS	CITY	STATE	ZIP	PHONE	JOINED	DUES PAID TO
WA7RJT	CHUCK BRAZIER	13210 231ST SE	ISSAQUAH	WA	98027	392-3764	72/07	87/01
WA7RJW	CHRIS HOLT	RT 1 BOX 105-A	MANSON	WA	98831	509-687-9429	74/01	87/01
WA7TAI	GENE JACOBSON	7334 126TH AVE NE	KIRKLAND	WA	98033	822-3931	74/07	87/01
WA7UEW	DICK LUNDSTROM	34022 43RD S	AUBURN	WA	98001	838-9559	73/01	87/01
WA7UVJ	MICHAEL DINKELMAN	637 2ND AVE S	KENT	WA	98032	854-4031	85/05	87/05
WA7VEB	BOB LOSEY	3425 S 176TH #132	SEATTLE	WA	98188	431-8540	75/11	87/01
WA7WKT	ARNIE SKOOG	30617 2ND AVE SW	FEDERAL WAY	WA	98003	839-2501	74/03	89/01
WB7AYU	MICHAEL CROSS	5803 SW HANFORD	SEATTLE	WA	98116	935-2688	75/08	88/08
WB7DVX	LINDA HOLT	RT. 1 BOX 105-A	MANSON	WA	98831	509-687-9429	75/12	87/01
WB7DEV	DEWEY L HEE	8718 236th SW	EDMONDS	WA	98020-6009	771-4869	85/05	87/05
WB7TBR	VICTOR ZUMBRUNNEN	22032 8TH AVE S	DES MOINES	WA	98188	824-2098	85/02	87/02
WB7VJA	PATI SUTTON	3516 SW 343RD	FEDERAL WAY	WA	98023	897-8090	79/12	86/12
WB7WNF	RALEIGH ELKINS	13506 CEDAR CT EAST	SUMNER	WA	98390	897-8090	79/12	86/12

* * * * *

THIS IS THE CORRECTED MIKE AND KEY ARC CLUB ROSTER FOR THE NEXT SIX MONTH PERIOD - WE STILL NEED THE FOUR NUMBERS TO COMPLETE THE NINE DIGIT ZIP CODE ON MOST OF THE MEMBERS - PASS THIS INFO TO YOUR EDITOR.

* * * * *

QUESTIONS FOR THE CW OPERATOR & CURIOUS PHONE FOLKS!

Here are the letter-symbols usually interpreted to mean something in CW operations. Match the letter-symbol with the correct meaning.

- | | |
|---------------|---|
| 1. <u>SK</u> | A. BREAK. |
| 2. <u>AS</u> | E.? or repeat signal. |
| 3. <u>AR</u> | C. ALL AFTER. |
| 4. <u>KN</u> | D. END OF TRANSMISSION BEFORE QSO STARTS. |
| 5. <u>BT</u> | E. WAIT. |
| 6. <u>AA</u> | F. MESSAGE HEADING/TEXT SEPARATOR. |
| 7. <u>SK</u> | G. END OF WORK. |
| 8. <u>IMI</u> | H. CLOSING STATION |
| 9. <u>CL</u> | I. END OF XMISSION AFTER QSO STARTS. |
| 10. <u>BK</u> | J. ATTENTION SIGNAL. |

TRAINING SUPPLIES

I recently registered the M&K as an instructor with the ARRL. In doing so I received a package of license manuals. They are of the latest issue and look to be pretty good. I have only one of each (Tech/Gen, Adv, Ex) which is available to anyone wishing to do some studying for an upgrade.

Also we are assembling a library of code practice tapes which will be available to anyone wishing to practice their code. Since we don't have any as yet, anyone who wants to start soon should make their needs known to Hal or I and we will start at that speed.

Jim -K7ND

ARRL MEMBERSHIP RENEWAL

I have forms for renewing your ARRL membership via the M&K. We get \$2.00 for each renewal. Also, I can process first time applications. During the present ARRL membership drive the M&K receives \$5.00 for each new member that signs up via the M&K. If you have been putting off joining the ARRL, now is a good time to do it.

Jim - K7ND

Editor Note: The ARRL represents all of us in many things wheather we want it or not. So you might as well join them.

NOTES ! ! !

Several "Surveys" have been run in the Relay in the past and as far as I can find out they all have ended up just about the same - not much response - Mike stated that the "last survey was a flop, as not many were returned".

The Picnic came off as planned. Not very many there, I counted about 20 or so. Real nice place, real relaxing. The food was good and the hamburger cook did an outstanding job at the cooker. Those of you who didn't come missed another excellent event of the Mike & Key ARC.

There were five visitors to the club meeting last month, W7BQG, K7QDI, N7DOH, W7TWU and N7HKL. These visitors will receive a copy of the Relay and are invited back to the meeting this month. Hope they are considering joining the Club.

Code Class starts on September 25th at 1900 hours at Highline Community College. This class is sponsored by the M&K so come on out and help.

So far, as of right now, I have had printed QSL cards for the Club and for four of our members. The club cards will be at the next meeting. See "QSL Cards" in this Relay issue.

Take a look at the calendar of events to see where you might help out with your Ham radio talents. You and your radio is needed

There seems to be a considerable amount of interest in the Las Vegas "HAM/WEST" which is being held at the HACIENDA on November 7-8. Three of us went down last year and had a very enjoyable time. Somebody talk it up and get something going.

The same three of us, WA7TAI, K7JWP and WA7EKH, attended the ARRL convention in San Deigo held on 4-5-6 of Sept. Over 5000 Hams attended during the three day period.

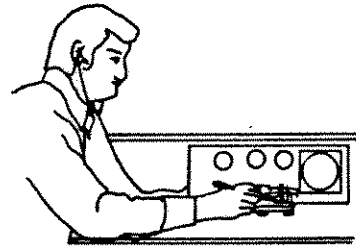
I have rearranged the front page as you have probable noticed by now. We have looked at the other one for about three years now so I thought it was about time we had a new one. You may make comments as to your likes and dislikes, we can go back to the old one if you don't like this one.

Probably in October or November for sure, we are going to shoot for October, to see if we can get a committee going to review the Constitution and By-Laws for any changes that may be needed. If you want to help please let us know at this meeting so we can get organized.

Along with the Constitution review we should also consider any changes that might be needed to the Members Booklet. Please express your desire to help on this.

Those of you who would like to submit something to be run in the Relay and have a computer and printer, please limit your column width to not more than 3 1/2 inches or 8 inches if you want full width. I would appreciate it if you did submit it already typed rather than me have to type it.

I have been told that the activity on the 224.12 Monday evening net has dropped of to very few people. Lets talk it up and get the activity going again. This net started off with a bang but I guess it gets to be **QIB Hat** after a few times. So lets hear from you out there!!!



M & K NOVICE CLASS

First day of school is almost here. The Novice class starts Sept. 25th at Highline CC in Federal Way. There is still room in the class so if you know of anyone interested in getting started in Amateur Radio this is the place. Call the School for info.

We are looking for volunteers to help out. This can be from giving one lecture class to bringing a presentation on an aspect of amateur radio. The lecture classes are short and all needed material is readily available. Also needed are short talks on practical aspect of putting together and operation the station. Its fun to teach someone about your favorite hobby. Anyone interested should contact N7NW, K7MRH, WA7UVJ, N7BT, or K7ND.

***** PUYALLUP FAIR DEMO *****

On Thursday the 4th I was approached by Highline Community College and asked to put on an Amateur Radio demonstration for our upcoming Novice class. Seeing an opportunity to get a little PR for Amateur Radio I enthusiastically agreed.

The only problem was we only had three days notice as the demo was to be on the 8th, Monday evening! I contacted Mike, WA7AYU and Warren, K7MRH, they agreed to assist.

So on Monday at 5pm Mike and Warren met with me and we loaded up display items and equipment and headed for the Fairgrounds. Our display consisted of one US Map and one World Map with QSL's from various parts of the world displayed near their QTH's. We had a TS-930S setup and a Commodore C64 with the AEA Dr. QSO playing CW. Vern, W7ZLW had printed up some flyers and they were on display as well as several Ham magazines. Boy, the display looked great!! The only problem - there wasn't much traffic and our location was right next to some young Girls who sang their hearts, lungs out for most of the time we were there so the QRM was quite bad..

Even tho we didn't get much action, we had a good time and appreciated the opportunity.

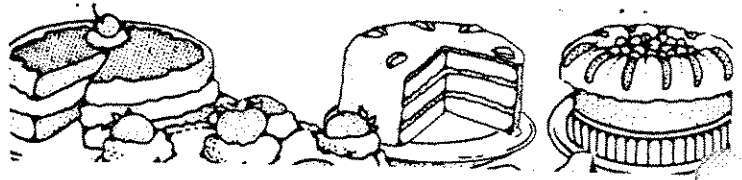
Hal - N7NW

NEWSPAPERS ** NEWSPAPERS

The last load of newspapers brought \$10.20, that is pretty good but not as good as one other load that brought \$14.00. I'll be there with the Pick-up - You bring the newspapers.

	M	A	M	J	J	A	S
\$	9.90	9.50	10.00	7.62	10.00	10.20	
	O	N	D	J	F		
\$						TOTAL	
						\$57.22	

WE NEED MORE PAPERS *** WE NEED MORE PAPERS
 ++++++



RECIPE

It has been some time since we have had a recipe, however, we have been able to obtain a couple, so here is one to try, and I hope you do try them as I go to a lot of trouble to get some good ones for you.

SHRIMP DELIGHT

1 lb. shrimp, peeled and deveined

*Green Pepper /sauteed in butter,
 Onion /garlic salt, white
 Mushrooms /pepper and white wine*

*Add lemon juice after 3/4 done.
 Serve on rice or noodles.*

Pati- WB7VJA

CRUISE AND SOCIAL

Mike picked a very nice evening for this event. The weather was great and the water was smooth. Thirteen people went on the cruise on the Washington ferry to Bremerton and return. Got in lots of "eyeball" QSO's and had a real nice dinner. You missed another function of the M & K. -Sorry-

M & K CLUB DUES

As in the past I will continue to notify each and every one of the members when their membership to the M & K Club is about to expire, after that it is up to the individual to either pay up or be dropped from the Club Roster.

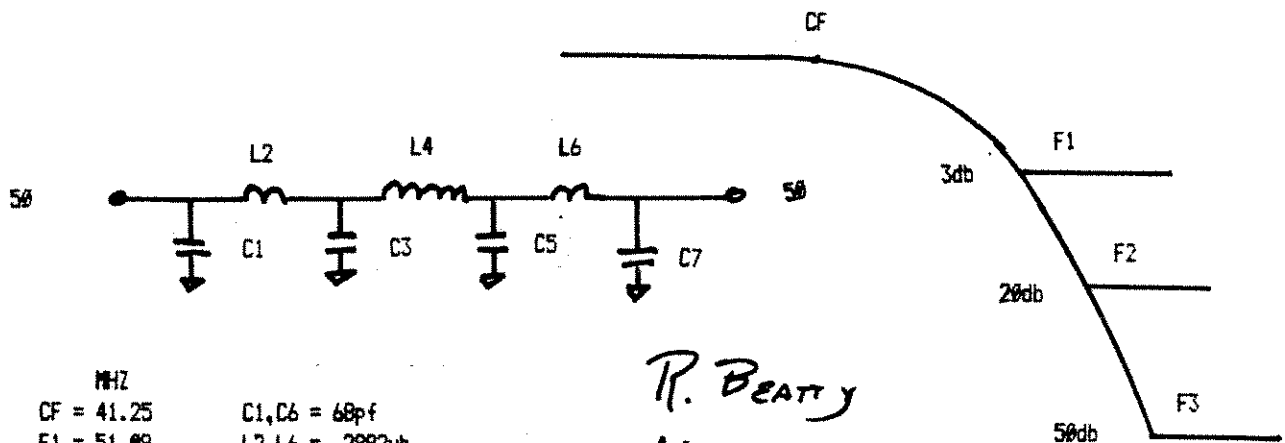
This month there are two that are being dropped for failure to renew their membership. They were delinquent as of 30 July 86.

K7PBT Kick Gehring
 WA7MSD Pat Carson

Sorry about that!!! Payment of dues will put you back on the roster.

73 & 88 Relay Editor

7 ELEMENT LOW PASS FILTER



*R. BEATTY
Nu7z*

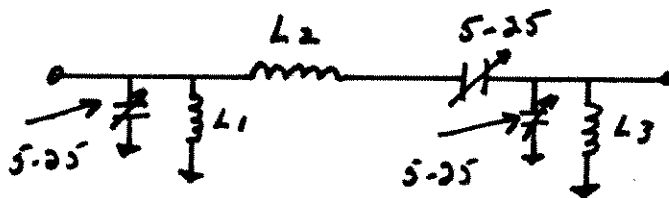
	MHZ	
1	CF = 41.25	C1, C6 = 68pf
	F1 = 51.08	L2, L6 = .2992uh
SWR=	F2 = 63.94	C3, C5 = 150pf
1.04	F3 = 97.04	L4 = .3515uh

	MHZ	
2	CF = 47.19	C1, C6 = 56pf
	F1 = 53.54	L2, L6 = .2369uh
SWR=	F2 = 64.91	C3, C5 = 120pf
1.12	F3 = 95.93	L4 = .2759uh

	MHZ	
3	CF = 49.33	C1, C6 = 39pf
	F1 = 61.25	L2, L6 = .2027uh
SWR=	F2 = 76.73	C3, C5 = 100pf
1.03	F3 = 116.5	L4 = .2513uh

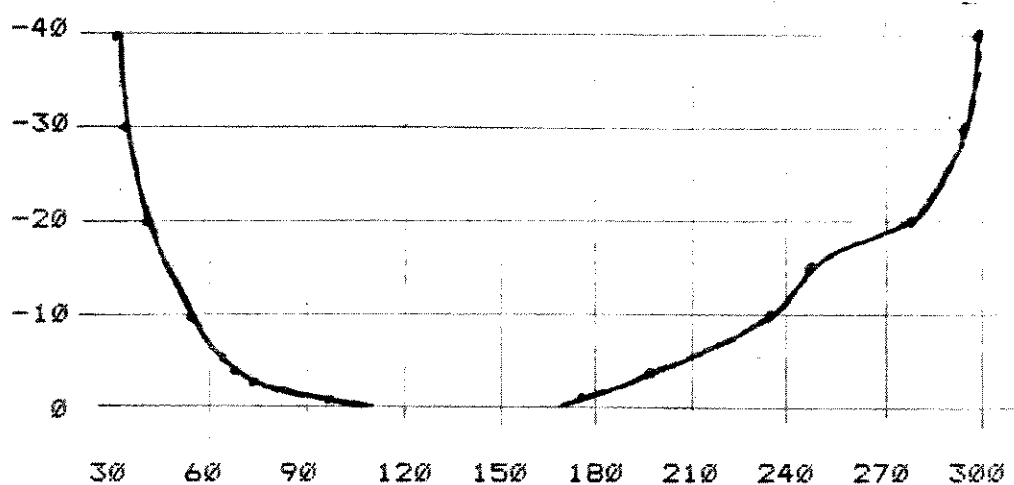
BAND PASS FILTER

1.2db Insertion Loss
CF = 162MHZ
-3db = 128.4 MHZ



*R. BEATTY
Nu7z*

L1, L2, L3 - 5t #24 5/16" Dia x .6" long



1290 Puget Drive East
Port Orchard, Wa. 98366

This letter is to inform your club members of my nomination for Vice-Director of the ARRL Northwestern Division. Much as I would like to write each individual within the Division, personal resources dictate the more cost-effective approach of corresponding through each ARRL affiliated club.

Traditionally, the role of Vice-Director has been one of limited importance. It is now time to change this policy. Since the Vice-Director is elected independently of the Director, he can and should provide an additional avenue for interaction between the League and its membership. He must be active and visible, working to enhance the League's presence at club meetings and hamfests. A Vice-Director should live close to the majority of amateurs within the Division, allowing him to better provide strong, effective representation with the least expense to the membership.

I was first licensed in 1962 and joined the ARRL that same year. Presently, my operating time is divided between contesting, chasing DX, and handling traffic. I'm the Assistant Section Manager of Washington and a member of both the NIS Pacific Area Staff and the Public Relations Advisory Committee (PRAC).

I am also a member of the Radio Club of Tacoma and the Western Washington DX Club. I've written a number of magazine articles, covering a variety of subjects from contest operation to propagation to net management. I've taught basic traffic handling seminars at a number of Northwest hamfests and at the 1986 National Convention in San Diego. I believe my location, background, and active commitment to the ARRL makes me the best choice for Vice-Director.

A final note: when your ballot arrives in the mail, carefully read each of the candidate's statements and vote for the person of your choice. Most elections, in our Division, have been close contests so each individual vote is very important. The election of both Vice-Director and Director represent a major opportunity for League members to influence the course of the ARRL for the next two years.

Yours truly,

Bradley Wells

Bradley Wells, KR7L

AMATEUR RADIO CLASSES

BEGIN SEPT 24 - 7 PM

AT

NORTH SEATTLE
COMMUNITY COLLEGE

NOVICE-TECH-GENERAL

TUES & THUR EVE 7-9 PM

INFO 523 9117