

K7LED

RELAY

AN
ARRL
AFFILIATED
CLUB

Club Radio Officer: Ken Rau K7YR

NEAR SEATTLE, WASHINGTON

VOLUME 12

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CLUB OFFICERS

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Activity Mgr	Gene Jacobson	WA7TAI	Trustee No. 5	Ray Leslie	WA7EKH

The K7LED RELAY is the official publication of the MIKE and KEY AMATEUR RADIO CLUB, 23206 SE 53rd, Issaquah, WA. 98027. The Club meets the third Saturday of each month at 10 a.m. at "The Good Neighbor Center", 305 S 43rd St. Renton, WA. All "Hams" invited.

The Mike and Key net meets each Sunday morning at 10 a.m. on 3930 kHz with Novice and CW check-in on 3730 kHz and VHF on 146.58 MHz and K7LED/R 52.37-53.37 MHz.

K7LED RELAY EDITOR
13517 117th Ave NE
Kirkland, WA. 98033

REPEATER FREQUENCY

52.37-53.37

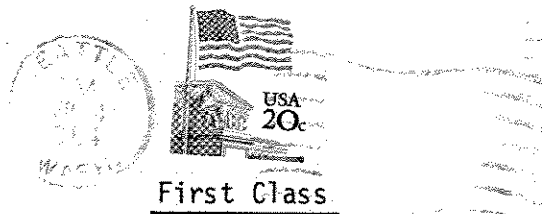
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BOARD MEETING

1900 HRS, 29 FEB,
WA7RJT QTH
ISSAQUAH

**CLUB MEETS: UGN
CENTER, Renton**

18 Feb 10:00



K7NTG 1-85
PETE MEDBERG
20904 NE 77TH ST
REDMOND WA 98052

ACTIVITY EVENING

The Fleamarket will be the activity for this Month. After the Fleamarket we will go to dinner at the SEA DRAGON restaurant, in Puyallup. The next few months will be filled with normal M&K Club activities, Banquet, Field Day. Should be something special in May. See you at the SEA DRAGON.

ACTIVITY EVENING, 1 Feb, 84

Those of you who elected not to attend the "Pot Luck and Pre-Amp" evening on the 1st of February missed an evening of friendship and enjoyment. Thanks to Jack for the use of his School. He provided us a place to have this event.

I counted twenty people who sat down for dinner plus a lot of kids that I didn't count. I didn't hear any complaints about any of the food so I can only say that the food was enjoyed by all. Special appreciation to Linda for the Lemon Pies. I'll say most of us, especially myself, looked forward to the time the pies were cut and served. Lemon is my favorite kind of pie.

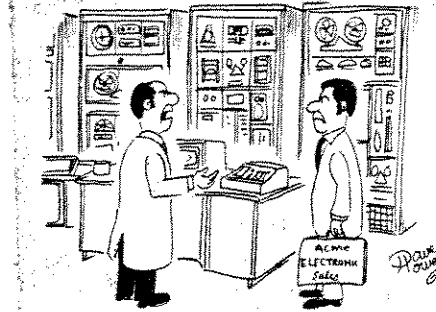
I didn't get the word from Hal or Jim on the "Pre-amps", but heard that some of the parts did not arrive so we couldn't work on that project. We should hear something on this later.

Ken Rau brought in one of his 6M-450 receivers for all of us to admire. He plans to place two or three of these around in selected places so 6M can be used through the "Seattle" area. Your transmitted signal will be picked up by one or more of these receivers and sent to the repeater where it will be voted on and the strongest signal received will win out and be allowed to be retransmitted by the repeater. Looks good Ken. There was noise measuring equipment set up and lots of discussion in regards to radio and so forth went on.

As planned, these "Activity Evening" events (once a month with dinner) allow everyone to become acquainted with each other and an opportunity to talk with each other about anything they desire. It seems at the Club business meeting there is not much time for small talk other than Club business.

As I look at the roster of the Club members I wonder what those of you who did not attend were doing on the evening of 1 February 1984. To those of you who had to work, my sympathy, but I understand that it is necessary to work for a living. To the others, I hope you enjoyed what ever you were doing, we missed you!!!

To all who did not attend, you don't know what you are missing unless you do attend these "Activity Evening" events. Above all there will be a dinner some where, some how, so you should at least enjoy that, so, come on out for the next one and enjoy. 73 RAY, WA7EKH.



"You said this computer would pay for itself—so collect from it!"

This is a little old, however, I just received it and it is of interest to all of us. From FCC Public Notice- - - -

Radio and television stations need not obtain prior authorization from the Federal Communications Commission before retransmitting Amateur (Ham) Radio transmissions. Broadcasters are free to air the amateur radio transmissions which they have monitored. They may broadcast such amateur radio transmissions on a live or delayed basis, with or without the approval of the amateur operators involved. Broadcasters are cautioned, however, that in covering amateur radio activity, they must not become actively involved in the amateur transmissions. That is to say, the broadcaster may not employ an amateur station as it would use a reporter or a translator in order to convey, directly or indirectly, questions or subject matter which the broadcast station desires to be addressed.

Broadcast stations are asked to advise the Secretary, Federal Communications Commission of the fact that retransmissions of amateur radio transmissions have occurred, indicating only the date and nature of the transmission which was covered.

For further information contact Charles Kelley at (202) 632-6968 or William A. Russell, Jr., at (202) 254-7674.

Fort Worth hams are celebrating -- their Zoning Board of Adjustment recently decided that Amateur Radio antennas are an "accessory use" of property. Now hams will only be required to obtain building permits costing about one tenth of the previously mandatory \$200 special exemption.

Ham antennas in Fort Worth still fall under City height regulations, which are "35 feet plus one additional foot of height per foot that the antenna is set inward from the building line." Area amateurs are pleased, and they call this decision "fair to the residents of Fort Worth and to the ham radio operators."

Earlier, Fort Worth amateurs had not been so happy. Several radio clubs were concerned that the City was treating them like huge commercial radio and television station towers. They consulted ARRL Volunteer Counsel Laurence Priddy, K5LP, who asked for a legal interpretation of the zoning regulation. The result -- ham radio antennas are not considered commercial, and subsequently require only routine building permits.

There were 33,000 persons examined by FCC's Field Operations Bureau in 1983, compared with 41,600 in 1982 and 50,900 in 1981, according to Joyce Davila, Chief, Public Services Division, Field Operations Bureau. It seems likely that the decline represents lower opportunities for testing rather than a loss of interest. Joyce also reported that FCC has figures showing it cost at least \$8 to administer each of those examinations, though of course salaries and long-term leasing of examination rooms form an important part of this sum.

According to Joe Merdler, N6AHU, Richard Burton, ex-WB6JAC, was found guilty of four counts of broadcasting without a license. (See Vol. 2, No. 24.) Merdler was at Burton's sentencing. The U.S. Attorney is waiting to see a written copy of the judge's order. The jail sentence will be from one and a half to three years; with a five-year probationary term with this stipulation: during probation, Burton is not to be in a building structure with a radio transmitter.

Yearend 1983 ARRL Membership figures (with 1982 figures shown for comparison) were as follows:

<u>DIVISION</u>	<u>1983</u>	<u>1982</u>
Atlantic	12,760	12,690
Canada	4,899	4,780
Central	10,281	10,351
Dakota	2,793	2,754
Delta	4,797	4,815
Great Lakes	11,235	11,323
Hudson	8,333	8,408
Midwest	6,054	6,092
New England	8,910	8,613
Northwestern	6,836	6,629
Pacific	7,676	7,349
Roanoke	7,471	7,334
Rocky Mountain	3,547	3,474
Southeastern	11,179	10,678
Southwestern	10,786	10,646
West Gulf	8,676	8,369
TOTAL	126,233	124,305

These year end figures show a slight upward trend as compared to last year. This is in sharp contrast to our 1982 experience. That year, we experienced an overall decline of 12.5% compared to an overall increase of 0.9% for 1983. There was a 2.5% increase in U.S. Full Members, and a 4.8% increase in Canadian Full Members during 1983.

Ronald F. Arsenault, KA2QMX, of Clifton Park, New York, and Dave L. Goodfellow, KA2GWV, of Hampton, Virginia, were fined for illegal operations. Arsenault was fined \$1,100 for willful out-of-band operation, transmission of false call signs, and refusing to allow inspection of his amateur station. Goodfellow was fined \$600 for willful out-of-band operation and transmission of false call signs. Both Technician class licensees have paid the forfeitures.

The Commission noted that both amateurs were part of a small group of amateur operators that regularly operated several hundred kilohertz outside of the allocated 40-meter amateur band. FCC investigations into these violations were made by several Field Offices.

FCC CLARIFIES NOVICE EXAM RULES

On June 29, 1983 FCC adopted its Report and Order in Docket 82-727, setting up new rules for Novice examinations which would eliminate mail-back to the Commission. Generally, ARRL and the amateur community accepted the changes willingly, since they had the potential for speeding up the Novice license process. The new rules allowed examiners to design a Novice exam of 20 questions from a pool of 200 and administer this test to a Novice applicant immediately following the passing of the code test. The results were then to be certified to FCC at Gettysburg, and that office would issue the Novice license.

However, the Report and Order did adopt a new rule prohibiting administering a Novice test by a person who had an employer-employee or employee-employee relationship with the applicant. It was quickly seen that this new rule would cause difficulty with American personnel overseas where typically most examiners and applicants would be employees of the U.S. government. There would also be problems for employees of large corporations where Novice training is conducted on company premises during lunch hour, immediately following work or during off-hours recreation periods: it would be difficult to arrange for non-employee examiners in such settings. Lacking a proven problem caused by employee-employee relationships, ARRL petitioned for partial reconsideration of the Report and Order, with respect only to this portion of the new rule. ARRL also took advantage of the opportunity to ask FCC to clarify what it meant by the statement that an examiner "must not be related to an applicant." Are relatives by marriage covered?

The Commission, on January 20, adopted by circulation a Memorandum Opinion and Order settling these issues. The first issue was regarded as moot; when the Report and Order was adopted in Docket 83-27 establishing a volunteer program for Technician and higher class licenses, the Commission merged the rules for Novice with the rules for higher class, and the specific prohibition of both employer-employee and employee-employee relationships was omitted, because it would have severely restricted examination opportunities. With regard to the second

issue, FCC said that as a matter of practice and policy it has not permitted a father-in-law, mother-in-law, brother-in-law or sister-in-law to administer a Novice examination to a candidate. This policy has not changed and represents the limits of the prohibition toward relatives by marriage.

Owen Garriott, W5LFL, has signed off on the STS-9 QSL card design and has returned the material to ARRL Hq. ARRL Hq. is responsible for the printing of the cards. When they return from the printer, Hq. will send the appropriate card (2-way or SWL) and promotional enclosures to each of the people who reported contact or reception. At present, 8000 envelopes are ready for "stuffing" — and another two boxes are yet to be sorted. The Poughkeepsie (NY) ARC, Newington (CT) Amateur Radio League and Murphy's Marauders (CT) have volunteered to help with the final processing. Garriott will sign individually the QSLs going to those lucky enough to make it into his logs; his signature will be printed on the swl cards.

Bill Pasternak, WA6ITF, reports that Richard Burton, ex-WB6JAC, has begun serving two consecutive one-year sentences on four misdemeanor counts of operating a transmitter without a license. Burton could spend up to a year in Federal prison followed by six months in a "jail type of facility." Burton will be on probation for five years during which time he cannot be in a place having a radio transmitter. Thanks Westlink.



At least we know while junior is tinkering with his electronic equipment his mind is off girls!

*** The first part of this article was printed in the Jan issue of RELAY, so instead of just running the last part I will print excerpts as some of it has expired. Some of the items are of interest to all of us and will need the backing of all of us.

**KING COUNTY AMATEUR RADIO CLUBS PRESIDENTS BOARD. (NOTES & INFORMATION).
2 JAN 1984.**

SOME QUESTIONS HAVE BEEN ASKED ABOUT THE DUTIES, JOBS, MISSION, OR WHATEVER OF THE BOARD. I DON'T KNOW THAT I HAVE THE ANSWERS EITHER, BUT I'M WILLING TO PUT SOME MATERIAL DOWN ON PAPER. I FOUND OUT YEARS AGO IN THE PENTAGON THAT UNTIL IT WAS DOWN ON PAPER, EVERYONE WAS MUTE. IMMEDIATELY IT WAS WRITTEN, MANY FOLKS HAD ALL KINDS OF IDEAS. GOOD! LET'S HEAR THEM OUT LOUD AT THE NEXT BOARD MEETING--

FIRST--SOME WORDS ABOUT THE "BOARD". IT IS A COLLECTION OF ALL PRESIDENTS OR TRUSTEES OF ALL KNOWN HAM CLUBS IN KING COUNTY. IF YOU KNOW OF ONE THAT HAS BEEN LEFT OUT, LET ME KNOW & I'LL GET IN TOUCH. ARRL AFFILIATE OR NOT.

SECOND--THE PURPOSE OF THE BOARD IS TO GET ALL HAM CLUBS IN KING COUNTY TOGETHER TO WORK FOR A COMMON PURPOSE AND THE GOOD OF HAM RADIO. ACTUALLY WHEN YOU LOOK AT IT, ALL THE CLUBS ARE FOR THAT PURPOSE ULTIMATELY, SOME JUST HAVE DIFFERENT APPROACHES TO THE PROBLEM.

THIRD--CLUB PRESIDENTS ARE THE "ORGANIZATION". NO POLITICS, NO AXES TO GRIND, JUST A COMMON PURPOSE USING THOSE WHO HAVE THE MOST RESPONSIBILITY IN HAM RADIO IN OUR COMMUNITY. CLUB PRESIDENTS HAVE THE BACKING OF A BIG ORGANIZATION TO CALL ON FOR HELP. I WOULD NOT THINK EACH PRESIDENT, OR TRUSTEE WOULD HAVE THE TIME TO DO THE VARIOUS JOBS--EACH OF YOU MUST DELEGATE SOME OF THE CLUB BUSINESS. THAT'S THE WAY IT IS WITH THIS KING COUNTY BOARD--FIND A NEED AND FILL IT WITH ONE OF YOUR CLUB MEMBERS.

TO EDITORIALIZE FOR A BIT--THE WAY THE BOARD OUGHT TO WORK IS BY JOINTLY DECIDING METHODS OF ACHIEVING COMMON AMATEUR GOALS. THEN FIND THE FOLKS WHO NOT ONLY CAN DO THE JOB, BUT ALSO WANT TO DO IT. GET THESE PEOPLE TOGETHER FROM THE VARIOUS CLUBS, MONITOR THEIR EFFORTS, AND PAT THEM ON THE BACK WHEN THE BOAT IS LAUNCHED AND SAILING. SEVERAL ACTIONS COULD BE GOING ON AT THE SAME TIME. EACH UNDER THE MONITOR OF THE "BOARD" INDIVIDUALLY AND AS A GROUP. OUT OF THE 16 KNOWN RADIO CLUBS WE CERTAINLY HAVE MORE THAN 500 INDIVIDUALS WHO COULD OFFER SOMETHING FOR AMATEUR RADIO. THE PROBLEM IS TO FIND THEM AND GET THEM ACTIVATED. THAT'S WHAT THE PRESIDENT'S "BOARD" COULD ESTABLISH AS THE PRIMARY GOAL FOR EACH MEMBER OF THE BOARD.

WHAT ARE SOME OF THE PROBLEMS, ACTIONS, MISSIONS, "NEEDS", OR GOALS FOR THE "BOARD" IN KING COUNTY? TO SAY IT AGAIN WON'T HURT! AND MAYBE SOME OF YOU ON THE MAILING LIST HAVE NOT BEEN AT ANY OF THE PAST "BOARD" MEETINGS. HERE TIS:

PACIFIC SCIENCE CENTER AMATEUR STATION

SOME OF YOU MAY NOT KNOW THAT THE PACIFIC SCIENCE CENTER HAS OFFERED US THE SPACE AND LOGISTIC SUPPORT FOR A "PERMANENT" HAM STATION IN THE SCIENCE CENTER. WE EVEN HAVE A 30-FOOT DISH OFFERED FOR THE STATION. PLUS SEVERAL VENDORS HAVE OFFERED FABULOUS SUPPORT. ALL WE REALLY NEED ARE THE PEOPLE TO PUT IT TOGETHER AND MAKE IT WORK. WHAT A WONDERFUL OPPORTUNITY FOR SEATTLE AND KING COUNTY TO HAVE A DISPLAY STATION OF SSB, CW, RTTY, MOON-BOUNCE, SSTV, AND YOU-NAME-IT. OPEN 24 HOURS A DAY EVERY DAY. EVEN MAY GET A SPECIAL CALL FOR THE STATION EVENTUALLY. NICE HUH? WANNA HELP?

PUBLIC SERVICE EVENTS.

MANY PUBLIC SERVICE EVENTS OCCUR EACH YEAR BUT THE HAMS OF KING COUNTY DO NOT SUPPORT THE NEED BECAUSE THEY ARE NOT AWARE OF THE REQUIREMENT, DO NOT KNOW WHO TO CONTACT, NEED "PUMPED UP" TO PARTICIPATE, OR NEED EXPOSED TO THE WHOLE PROGRAM. THE "BOARD" COULD ARRANGE THIS EASILY. AND THE ASSOCIATED PUBLIC RELATIONS EXPOSURE TO THE WORLD.

VOLUNTEER LICENSE EXAMINATIONS.

NO MATTER WHAT YOU MIGHT HAVE HEARD, IF WE HAMS DON'T PUT TOGETHER A KINGCO LICENSE EXAMINATION LOCATION, PERSONNEL, SCHEDULE, AND SUPPORT IT, WE MAY JUST FIND THAT WE'LL HAVE TO GO TO PORTLAND, COLVILLE, OR SOME OTHER REMOTE LOCATION JUST TO UPGRADE. IF WE DON'T DO IT HERE IN SEATTLE, IT WON'T BE DONE FOR US BY IEC OR ARRL OR ANYONE. AT PRESENT THERE IS NO "ORGANIZED" VOLUNTEER EXAMINER SYSTEM ESTABLISHED FOR KINGCO. THINK ABOUT IT!

VOLUNTEER MONITORING (FCC AUXILIARY)

THIS ALSO NEEDS ORGANIZED. OTHERWISE WE MAY HAVE TO CALL ON THE AMATEUR MONITOR STATION IN BUTTE OR BEND OR SOMEWHERE JUST TO PROVIDE MONITOR FACILITIES OR THE LOCAL JAMMERS, BAD-MOUTHS, ETC. IF WE DON'T DO IT HERE IT WON'T GET DONE FOR US BY SOMEONE ELSE--FCC INCLUDED--SEE PUBLIC LAW 97-259!!

ORGANIZED LICENSE CLASSES.

SEVERAL NOVICE CLASSES EXIST--A FEW HIGHER GRADE CLASSES ARE OFFERED HERE AND THERE. BUT THERE IS NO REGULARLY SCHEDULED, YEAR-AFTER-YEAR CLASSES FOR AMATEUR RADIO/ELECTRONIC THEORY THAT ARE RUN BY HAMS FOR HAMS. THE "BOARD" COULD HANDLE THIS.

CONVENTIONS, HAMFESTS, BANQUETS, ETC.

THE NEED FOR JOINT COOPERATION IS OBVIOUS. THE PUBLICITY FOR EVENTS, THE COORDINATION TO ORGANIZE WIDE-AREA CONVENTIONS (ARRL NATIONAL, DIVISION, OR STATE), PLUS LOCAL HAM ACTIVITIES WOULD HAVE A GUARANTEE OF SUCCESS IF WE HAD THE KING COUNTY HAMS WORKING TOGETHER FOR A COMMON GOAL.

MISCELLANEOUS

EACH OF YOU CAN ADD TO THIS LIST BUT HERES A START: MAKING VIDEO TRAINING FILM FOR USE BY OTHERS. VISITING ELEMENTARY, JUNIOR, AND SENIOR SCHOOLS WITH AMATEUR RADIO DISPLAYS. DEMONSTRATIONS IN MALLS ETC. EDUCATION OF THE PUBLIC WITH EXPOSURE BY PARTICIPATION WITH MANY PUBLIC SERVICE ORGANIZATIONS SUCH AS CLKS, TOASTMASTERS, ROTARY, CHAMBER OF COMMERCE, AND OTHERS. PROVIDING HELP IN ALL PUBLIC SERVICE EVENTS. BEING "ELMER" TO THOSE HAMS WHO CANNOT ATTEND CLUBS, ARE HANDICAPPED, OR NEED AN "ELMER". ---CAN YOU THINK OF MORE??

HOW IS ALL THIS GOING TO HAPPEN?

IT WON'T HAPPEN UNLESS WE ORGANIZE AND MAKE IT HAPPEN. AND THE "BOARD" IS THE ONLY LOGICAL, CONVENIENT, EASY WAY TO GET ALL HAMS WORKING TOGETHER TO A COMMON GOAL. THE "BOARD" OUGHT TO SELECT A "LEADER" FROM THEIR OWN GROUP, ASSIGN "SUB-LEADERS" TO HEAD UP EACH PROJECT, ASSIGN DEADLINES, HELP RECRUIT PEOPLE FROM THEIR OWN CLUBS, MONITOR THE PROGRESS, AND BE PREPARED TO WIN ANY BOUQUETS FROM APPRECIATIVE HAMS ALL OVER THE AREA. ITS ALWAYS AMAZING WHAT CAN BE DONE IF YOU DON'T CARE WHO GETS THE CREDIT!! OR IT MIGHT BE ADDED-- IF WE DON'T HANG TOGETHER, WE WILL SURELY HANG SEPARATELY!!

ONE MORE "BIGGIE" FOR CONSIDERATION!!

THO WE MIGHT HAVE OBTAINED 3 NEW BANDS AT WARC-79, DID YOU KNOW THAT ITU ALSO TOOK AWAY THE "PROTECTED" SENTENCES REGARDING 40 METERS? FROM NOW ON WE GOTTA COMPETE WITH 500 KW BC STATIONS AND WE HAVE NO WAY OF GETTING RELIEF. UNLESS WE ESTABLISH A NATIONAL FRONT TO PROTEST VIA CONGRESS, ARRL, & ANY OTHER OFFICIAL ORGANIZATION TO PROTEST THE EXPANSION OF SHORTWAVE BROADCASTING. QUESTION: HOW MANY PEOPLE DO YOU KNOW THAT ACTUALLY LISTEN TO SW BC REGULARLY? IF WE DON'T YELL FOR RELIEF WE MAY END UP WITH NO LOW BANDS. GOOD LONG-RANGE PROGRAM FOR THE KING COUNTY AMATEUR RADIO PRESIDENTS "BOARD".



1. Make filling-in medium sauce pan combine pudding mix & milk Cook until mixture comes to a full rolling boil. Turn into medium bowl-place waxed paper directly on surface.
2. Place in large bowl of ice to cool quickly. Add rum, chocolate and candied fruit. Refrigerate until needed.



VALENTINE CASSATTA

SPONGECAKE

- 6 eggs
- 1 1/2 cups flour
- 1 teaspoon baking powder
- 1/4 teaspoon salt
- 1/4 teaspoon cream of tartar
- 1 1/2 cups granulated sugar
- 1/3 cup water
- 1 teaspoon vanilla extract
- 1 tablespoon lemon juice

- 1 1/2 cups heavy cream
- 1/4 cup confectioners' sugar
- Few drops red food color
- 1/4 cup golden rum

FILLING

- 1 pkg (3 1/8 oz) vanilla pudding & pie filling mix
- 1 1/2 cups milk
- 2 tablespoons light rum
- 1/2 cup miniature semisweet chocolate pieces
- 1/2 cup chopped mixed candied fruit

1. Separate eggs, putting whites in large bowl, yolks in small bowl. Let the egg whites warm to room temperature-1 hour.
2. Preheat oven to 350F.
3. Sift flour, baking powder and salt.
4. Add cream of tartar to egg whites. With electric mixer at medium speed, beat whites until foamy. Gradually beat in 3/4 cup granulated sugar, a tablespoon at a time. Continue beating until stiff, glossy peaks form when beater is slowly raised.
5. With same beater, beat egg yolks until thick and lemon-colored. Gradually beat in remaining granulated sugar, a tablespoonful at a time. Beat until thick and light-2 min.
6. In measuring cup, combine water, vanilla & lemon juice.
7. At low speed, blend flour mixture, one third at a time, into egg-yolk mixture alternately with water mixture. Beat 1 min.
8. With wire whisk or rubber scraper, fold into egg white.
9. Pour batter into three ungreased 8 inch heart shape or layer cake pans. Bake 25-30 min.
10. Invert pans. Cool 1 1/2 hours.
11. In medium bowl, combine heavy cream, confectioners' sugar and red food color. With Mixer, beat until stiff-refrigerate.
12. To assemble cake-Place one layer on plate top side down. Brush with 1 tablespoon rum-spread with half of filling. Place second layer on top, top side down. Brush with 1 tablespoon rum-spread with remaining filling. Top with remaining layer, top side up. Frost with whipped cream.

MURPHY'S LAW

Murphy was an optimist.

ANYTHING THAT CAN GO WRONG, WILL GO WRONG.

YOU WILL ALWAYS FIND SOMETHING IN THE LAST PLACE YOU LOOK.

THE CHANCE OF A PIECE OF BREAD FALLING WITH THE BUTTERED SLICE DOWN IS DIRECTLY PROPORTIONAL TO THE COST OF THE CARPET.

NO MATTER HOW LONG OR HARD YOU SHOP FOR AN ITEM, AFTER YOU'VE BOUGHT IT, IT WILL BE ON SALE SOMEWHERE CHEAPER.

NO ONE'S LIFE, LIBERTY, OR PROPERTY ARE SAFE WHILE THE LEGISLATURE IS IN SESSION.

THE OTHER LINE ALWAYS MOVES FASTER.

IN ORDER TO GET A LOAN, YOU MUST FIRST PROVE YOU DON'T NEED IT.

ANYTHING YOU TRY TO FIX WILL TAKE LONGER AND COST MORE THAN YOU THOUGHT.

IF YOU FOOL AROUND WITH A THING FOR VERY LONG YOU WILL SCREW IT UP.

A \$300.00 PICTURE TUBE WILL PROTECT A 10¢ FUSE BY BLOWING FIRST.

IF IT JAMS — FORCE IT. IF IT BREAKS, IT NEEDED REPLACING ANYWAY.

ANY TOOL DROPPED WHILE REPAIRING A CAR WILL ROLL UNDERNEATH TO THE EXACT CENTER.

THE REPAIRMAN WILL NEVER HAVE SEEN A MODEL QUITE LIKE YOURS BEFORE.

WHEN A BROKEN APPLIANCE IS DEMONSTRATED FOR THE REPAIRMAN, IT WILL WORK PERFECTLY.

A PIPE GIVES A WISE MAN TIME TO THINK AND A FOOL SOMETHING TO STICK IN HIS MOUTH.

EVERYBODY SHOULD BELIEVE IN SOMETHING — I BELIEVE I'LL HAVE ANOTHER DRINK.

BUILD A SYSTEM THAT EVEN A FOOL CAN USE, AND ONLY A FOOL WILL USE IT.

EVERYONE HAS A SCHEME FOR GETTING RICH THAT WILL NOT WORK.

IN ANY HIERARCHY, EACH INDIVIDUAL RISES TO HIS OWN LEVEL OF INCOMPETENCE, AND THEN REMAINS THERE.

YOU WILL REMEMBER THAT YOU FORGOT TO TAKE OUT THE TRASH WHEN THE GARBAGE TRUCK IS TWO DOORS AWAY.

THE RACE IS NOT ALWAYS TO THE SWIFT NOR THE BATTLE TO THE STRONG, BUT THAT'S THE WAY TO BET.

THERE'S NEVER TIME TO DO IT RIGHT, BUT THERE'S ALWAYS TIME TO DO IT OVER.

WHEN IN DOUBT, MUMBLE. WHEN IN TROUBLE, DELEGATE.

ANYTHING GOOD IN LIFE IS EITHER ILLEGAL, IMMORAL OR FATTENING.

IT IS MORALLY WRONG TO ALLOW SUCKERS TO KEEP THEIR MONEY.

A BIRD IN HAND IS SAFER THAN OVERHEAD.

MURPHY'S GOLDEN RULE: WHOEVER HAS THE GOLD MAKES THE RULES.

EVERYTHING EAST OF THE SAN ANDREAS FAULT WILL EVENTUALLY PLUNGE INTO THE ATLANTIC OCEAN.

NATURE ALWAYS SIDES WITH THE HIDDEN FLAW.

THE LIGHT AT THE END OF THE TUNNEL IS THE HEADLAMP OF AN ONCOMING TRAIN.

CELIBACY IS NOT HEREDITARY.

NEVER SLEEP WITH ANYONE CRAZIER THAN YOURSELF.

BEAUTY IS ONLY SKIN DEEP, UGLY GOES TO THE BONE.

TO KNOW YOURSELF IS THE ULTIMATE FORM OF AGGRESSION. (FREUDIAN PSYCHOLOGY)

NEVER PLAY LEAPFROG WITH A UNICORN.

A SMITH & WESSON BEATS FOUR ACES.

IF EVERYTHING SEEMS TO BE GOING WELL, YOU OBVIOUSLY DON'T KNOW WHAT THE HELL IS GOING ON.

IF MORE THAN ONE PERSON IS RESPONSIBLE FOR A MISCALCULATION, NOT ONE WILL BE AT FAULT.

IN CASE OF DOUBT, MAKE IT SOUND CONVINCING.

NEVER ARGUE WITH A FOOL, PEOPLE MIGHT NOT KNOW THE DIFFERENCE.

"AIN'T GOT NUTTIN TO DO MOM!"

AS A PARENT I'M SURE YOU HAVE HEARD THAT CRY OFTEN. WHEN IT RAINS AND IS COLD IN THE PUGET SOUND AREA, KIDS SEEM TO RUN OUT OF ENTERTAINMENT FASTER THAN MOM CAN THINK OF PROJECTS. THE SAME IS TRUE OF AMATEUR RADIO CLUBS. WHAT IS A GOOD "PROJECT" FOR ANY RADIO CLUB? I MEAN, BEYOND THE ORDINARY CONSTRUCTION OF OSCILLATORS, NOVICE CLASSES, LOCAL CONTESTS AND SUCH, WHAT ELSE HAS BEEN PROPOSED? EFFECTIVE ONES? HERE ARE SOME "THOUGHTS" FOR CLUB PROJECTS THAT CAN DO MUCH TO BUILD THE MEMBERSHIP, CREATE INTEREST, EXCITE THE YOUNG AND OLD ALIKE, AND ESTABLISH A REPUTATION IN THE COMMUNITY.

HOW ABOUT CLASSES FOR TECHNICIAN, GENERAL, ADVANCED AND EXTRA CLASS LICENSES? OH THERE ARE A FEW HERE AND THERE, BUT WHERE ARE THE REGULARLY SCHEDULED ONES THAT HAPPEN ALL THE TIME?

"ELMER" IS THE TERM APPLIED TO THOSE HAMS WHO GO THE EXTRA MILE AND HELP ANYONE NEEDING MORE HELP IN OBTAINING THEIR LICENSE OR TO BUILD A BETTER RIG, INSTALL AN ANTENNA, UP THE CODE SPEED. WE HAVE A NEED IN BELLEVUE FOR SEVERAL "ELMERS" TO WORK WITH STUDENTS AT SAMMAMISH HIGH SCHOOL RADIO CLUB. THEY NEED HELP IN ALL PHASES OF HAM RADIO. WANT EXCITEMENT? WATCH THEIR EYES WHEN THEY MAKE THEIR FIRST QSO! OR THE LIGHT OF UNDERSTANDING WHEN YOU HAVE MADE IT CLEAR TO THEM! CONTACT DALE MARTIN W7LOG, 746-3310 AND HE WILL PUT YOU IN TOUCH.

EVERY YEAR MORE AND MORE PEOPLE CALL ON AMATEUR RADIO FOR HELP IN THE COMMUNICATIONS NEEDS OF THEIR PUBLIC SERVICE ACTIVITIES. USING 2-METER HAND-HELDS, MOBILES, PORTABLES AND BASE STATIONS, AMATEURS IN KING COUNTY HAVE SUPPORTED LITERALLY DOZENS OF ANNUAL ACTIVITIES. ALWAYS THERE IS A NEED FOR MORE AND MORE OPERATORS. WITH OR WITHOUT EXPERIENCE, WITH OR WITHOUT 2-METER EQUIPMENT. WHETHER YOU ENJOY SPORT CAR RACING, WALK-A-THONS, OR PARADES, THERE IS AN ACTIVITY FOR YOU. TRY THE WHEEL-CHAIR GAMES SOMETIME IF YOU WANT TO FEEL APPRECIATED. CONTACT WAYNE, K6DOW, 271-5314. WAYNE SETS UP THE ANNUAL CALENDAR OF SPECIAL SERVICE EVENTS AND YOU CAN BE PART OF THE ACTION!!

WANT TO GET INVOLVED IN SCRIPT WRITING, PRODUCTION, CAMERA WORK, EDITING, AND ALL THE OTHER THINGS THAT GO INTO "MAKING A VIDEO" ABOUT HAM RADIO? AND PERHAPS VIDEO COURSES ON THEORY, ETC. ETC. ETC. THE FOUNDATION WORK IS BEING CONSTRUCTED AT THIS TIME TO DO JUST THAT. USING STUDIO-TYPE EQUIPMENT AND ALL THE GOODIES. CONTACT ANDY, KB7B. HE IS WORKING WITH THE U OF W SCHOOL OF COMMUNICATIONS TO SEE WHAT WE CAN DO TO MAKE VIDEO TAPES ABOUT HAM RADIO IN KING COUNTY. CONTACT ANDY AT 523-7463. HE'D LIKE TO HEAR FROM YOU.

HOW ABOUT VOLUNTEER EXAMINERS TO CONDUCT FCC EXAMS? HELPING ESTABLISH A PERMANENT HAM STATION AT THE PACIFIC SCIENCE CENTER? GETTING INVOLVED IN A WORLD-WIDE NET OF HAM RADIO AND ASTRONOMY NOW THAT HALLEYS COMET IS DUE IN 1986? DEMONSTRATION STATIONS IN SHOPPING MALLS, AT HIGH SCHOOLS, JUNIOR HIGH SCHOOLS, SERVICE CLUBS? CAN WE USE AN ANNUAL HAMFEST IN KING COUNTY? A HAM SPEAKERS BUREAU FOR KING COUNTY?

"GOSH MOM, HAM RADIO IS JUST BORING--NOTHING TO DO--NO ACTIVITY. I DON'T KNOW WHAT TO DO WITH MYSELF."

52.37 - 53.37

147.08 - 147.68

6 METER REPEATER

Last November the power supply in the 6 meter transmitter went up in smoke. Thru a donation by Jim Hall, K7OET, a new power supply was installed and the repeater was back on the air better than ever. Changes and modifications were also made to the 450 MHz control system including access to 6 meters via 450 MHz.

The active operations on 52.37/53.37 are supporting construction of a new machine. I am in the process of building the new system with the help of WA7TIB and W7GPW. Approximately \$850.00 has been spent so far with another \$150.00 to go. An equal amount has been donated.

The new system includes a Motorola 6 meter transmitter (paging type) rated at 330 watts output, 450 MHz voting, 2 each remote 6 meter receivers and 450 transmitters. Auto patch cards will be installed, but not connected at this time.

The present plans call for the transmitting location not to change (i.e., Channel 11 tower downtown). Presently the two receiver sites will be (1) north of Issaquaw at 750 feet, (2) the West Seattle hill 70th and 35th SW. They may change if coverage is not good.

Discussion with active 6 meter types have been made, it was suggested that the call of K7LED be removed and K7YR be used. The reason for this is the lack of Mike & Key Club interest in 6 meters.

If the Club feels it wants to support the 6 meter repeater (i.e., be active and use it) rather than suggest the use of the SEA-TAC repeater, the call should stay the same. I need to know soon as I will be ordering a microprocessor controller and the call will be in ROM.

Summary: A rebuilt system will be up and running soon. Better coverage, possible auto patch. It's open to everyone, club member or not. The operation will be the same as present. KEN K7YR.

CLUB ACTIVITIES

29 Feb	1900	March Board meeting at Chuck Grazier QTH in Issaquah.
10 Mar	0900-1900	FLEAMARKET at Puyallup Fair Grounds
10 Mar		After the Fleamarket there will be a recovery dinner for all of the M & K members that care to attend. This will be at the SEA DRAGON near the fair grounds in Puyallup.
17 Mar	1000	Monthly Club meeting at UGN in Renton. Coffee ready at 0930.
7 Apr	1830	M & K Annual Awards Banquet (see information elsewhere in RELAY
Jun		Pre-Field Day work party
23 Jun		Field Day starts at Marrowstone Island
30 Aug		Activity Evening at Blake Island (we hope)

Lots of committee action going on this time of the year so lend your support when you are asked, it takes all of us to make the Club a going thing. Above all come to the FLEAMARKET on the 10th of March at Puyallup Fair Grounds. Bring your friends, all are welcome to come in and spend their money.

Elections will be coming up in March and we need members to fill the offices. Let George Boross know that you will run for office or have someone nominate you at the March Club Meeting.

RALLY WEEK NORTHWEST will be the 13th and 22nd of April for those of you that want to work this one. This is the Bigge and the cars will run for 24 hours. For more info contact Wayne Moddison, K6DOW at (206) 271-5314. More info at the Feb Club meeting.

NET-things: N7C00, Dan, has been pruning his apple tree; WA7KNQ, Jim, had a "heck" of a time finding Forest Ridge School for the "Pre-Amp" dinner; WA7KBK, Don, enjoyed sunrise in Mukilteo before NET; W7QGP, Mary, trying to level a mountain of paper work; WA7RJT, Chuck, had to put new carb in car, also was bowling at midnight; KB7ZS, Jack, took 2M check-ins, nobody there; K7YR, Ken, had good conversation at the dinner, is remodeling his bathroom by day and working on repeater by night - when does he sleep?; KC7MO, Royce, working on a rifle kit...73 N7AVO

Board meeting 12 Jan: Items discussed, Elmers needed at Lake Sam. High School for students interested in becoming Hams. George Boross to head up nomination committee. Pop Brown Award. Trophies - Mike Cross, Need Field day committee. Audit of club books done by March meeting and budget by May. Banquet-April 7th-\$8.25, club picks up difference. Mens & Womens prizes. Flea market advertising.

Business Meeting 21 Jan; Items discussed; Introductions - 6 meter capability. announcements, Elmers at Lk. Sam School. Lynn Schuck W7DSB passed on. Officers Report; Treasurer. Activity Manager-Feb, 1st pot luck dinner at Forest Ridge School. Flea Market 10th of March. Banquet tickets to be mailed before the Banquet after payment has been received. NEW BUSINESS: 6 meter repeater-K7YR-listed under Club Call needs Club member use. VEC-teams of 3 for test-just king county. Shopping-Malls-ham radio demo. Hal, Clay & Ray-Awards committee. Field day at Marrowstone Island.

SUPPORT YOUR "FLEAMARKET"

MARCH 10

0900-1900

Our annual Awards Banquet on April 7th will be held at the Latitude 47 Restaurant. The rooms are private and have a wrap around open deck that overlooks Lake Union. The bar is located in the banquet room.

We have chosen 2 different items from the menu. Please indicate on the form what you and your Lady or Friends choice are, and how many of each.

Prime Rib is known by all, so no explanation. Christopher Columbus is a grilled boneless breast of chicken, topped with crab, shrimp, fresh mushrooms and sauce mornay. The dinners include salad, vegetable, potato, dessert, beverage, rolls and butter. Price includes tax and gratuities. Moorage space is available with a reservation made in advance.

←————— CUT HERE —————→

MAIL TO: PATTI SUTTON, 3516 SW 343, Federal Way, Wa. 98023. To be received by PATTI not later than 4 April 1984.

Please make reservations for _____ persons; Menu selection; Prime Rib _____

Banquet price is \$8.25 each.

Christopher Columbus

Name:(print) _____

(signed) _____

Address _____

MAKE RESERVATIONS EARLY

MAKE RESERVATIONS EARLY