



K7LED RELAY

Seattle, Washington

Vol. 6 Number 3

July 1978

CLUB OFFICERS

| | | | |
|--------------------|--------|-----------------|----------|
| President | W7JIE | Gib Gibson | 226-4222 |
| Vice President | WA7BJT | Chuck Grazier | 392-3764 |
| Secretary | WA7HWX | Jan Hedberg | 883-8535 |
| Treasurer | WA7EBH | Chuck Stroehner | 746-4122 |
| Activities | WB7DTI | Rick Beatty | 364-1564 |
| Predident Emeritus | WA7TOM | Dave Grant | 631-6836 |
| Trustee #1 | K7WTG | Pete Hedberg | |
| Trustee #2 | WA7EKH | Ray Leslie | |
| Trustee #3 | WA7HQQ | John Rehnstrom | |
| Trustee #4 | K7BNN | Jay Mowry | |
| Trustee #5 | K7CR | Clay Freinwald | |
| Radio Officer | K7YR | Ken Rau | |



The K7LED RELAY is the official publication of the Mike and Key Amateur Radio Club Inc., 23206 SE 53rd, Issaquah, WA. 98027. Articles for publication should be presented to Jane Beatty, 426 NE 156th, Seattle, WA., 98155. Deadline is the 25th of each month preceding the date of publication. Articles may be quoted in full or in part without prior permission providing the K7LED RELAY is credited.

HAPPY BIRTHDAY

Our best wishes for a Happy Birthday to following July people:

| | |
|-----------------------|------------------------|
| Bill Blum ----- 4th | Jerry Williams -- 26th |
| Debi Holt ----- 6th | Wallace Young --- 28th |
| Gene Jackson --- 14th | Archie Brush ----29th |
| Ron Henderson -- 16th | |

**** NOTICE ****

The Mike and Key RELAY is in need of a new editor, anyone interested in this project is urged to discuss it with Gib W7JIE or myself. Whoever accepts this position has my full support and I will be glad to assist with the first couple issues. The RELAY is an important part of the club, please give your support.

Jane ph. 211-1511

BOARD MEETING 6-17-78

Those present: Gib Gibson, Jan Hedberg, Karl DeJong, Ray Leslie, Jane Beatty, Rick Beatty, Clay Frienwald, Chuck Stroehrer, Chuck Grazier, Dave Grant

\$1,911.57 in treasury.

Membership applications approved for presentation to general membership: Karl DeJong and Andrew Madson.

Jan Hedberg to send in HR subscription which will go to Radio Officer Ken Rau.

Activity report from Rick Beatty. Campout in July and ladies luncheon up and coming. Lunch to be chaired by Linda Rau.

Gib reported on his findings regarding patches from A&B Emblem, Seattle. Size 4" quantity 250 price \$1.10. 6 to 10 weeks delivery. Tabled for further info regarding smaller quantity and also larger patches.

Fund raising committee - Hal Goodell unable to chair. Gib to talk to Jim Long about chairing auction.

Discussion on M&K/W7DK Western Wash. Fair communications. Board recommends Clay determine whether M&K should go ahead or not.

Jan Hedberg reported on banquet findings. Overcharged members 60¢. Board recommends overage of \$50.57 be applied to next year's prizes; however will give option of refunding 60¢ to members if they so desire.

Gib reported that Les Jacobs WN7NXC has volunteered to be Puget Sound Council representative. Lew Rambo alternate.

W7LWP having to give up Santa Talks. Clay moved that M&K club continue S.T. as a club project. Seconded. Motion passed. Gib to ask membership for volunteer to continue.

Discussion on FCC Docket 20271. Rick Beatty recommended that Gib talk to Radio Officer and set up meeting or radio get together for all members to discuss same.

Motion made by Chuck Grazier, seconded by Rick Beatty that board puts before the general membership the question of M&K nets to find out exactly what kind of nets they want and structure nets around what members say. Passed.

Discussion on M&K sponsored radio classes. Gib to ask for volunteer to organize a training class, as board recommends that M&K continue same. (Possibility of charging \$20.00, buying their books, and refunding monies after class is over.)

Discussion on M&K having a permanent Public Service Committee. Agreed that Chuck Stroehrer WA7EBH should chair as he is the EC for the area.

Hospitality Committee - need volunteer to make coffee at 9:00 AM.

BOARD MEETING cont.

Jerry Kryszek and Jan Hedberg responsible for club roster.

Chuck Stroehrer brought up the possibility of the M&K purchasing ICs, as a fund raiser. Board recommended no action.

Chuck Grazier to make up associate membership application form.

Meeting adjourned at 9:42.

GENERAL BUSINESS MEETING
6-17-78

Meeting called to order at 10:03 AM. Minutes of previous meeting approved. Treasurer reported funds of \$1,911.53. Several bills presented to membership for payment; motion made to pay bills - carried.

Gib reported on his findings regarding the purchase of club patches; membership was interested. Gib to check further.

Clay reported on M&K/W7DK Western Washington Fair communications. M&K somewhat short on needed volunteers. Clay to make determination as to whether or not M&K continue when he attends DK club meeting.

Diana Becker responsible for sending M&K club signed cards.

Jan Hedberg reported on findings regarding banquet costs. M&K did not overpay Edgewater, however did overcharge members approx. 60¢. Ken Rau made motion that the remaining \$50.57 be applied to next year's prizes. Seconded and passed.

Les Jacobs WN7NXC, new M&K representative for Puget Sound Council. Lew Rambo alternate.

Al Free WA7LWP, javing to give up Santa Talks. Board recommended continuation as a M&K project. Tim Timblin K7HF, volunteered to chair project.

Gib gave short report on FCC Docket 20271.

Question was brought up as to whether M&K should organise radio classes for fall. Harry Lewis volunteered to be chairman.

Chuck Stroehrer reported on ICs. Board recommended no action as far as a M&K project. Leave it up to individuals to purchase.

Short report from Al Jensen on Field Day. 80 cw a problem.

Two membership applications presented to membership for vote. Karl DeJong and Andrew Madson voted into membership.

ARRL talk from Bob Thurston.

Meeting adjourned approx. 11:15.

DUES

| <u>April</u> | <u>May</u> | <u>June</u> | <u>July</u> |
|---------------|-------------|-------------|---------------|
| Chip K7JA | Wally W7ZSL | Clay K7CR | Jim WB7AHD |
| | | Nick WA7IVO | Mike WB7AYU |
| | | Al WB7NXI | Rick WB7DTI |
| | | Mike WA7OMP | Dave W7DVB |
| | | | Jim WA7LNQ |
| | | | Jim K7ND |
| | | | Debbie WB7SET |
| <u>August</u> | | | |
| Lynn W7DSB | | | |
| Jean Craig | | | |

The following people have been dropped from the active membership file as of 6-17-78. This is for non-payment of dues.

Al Free WA7LWP

Chris Christine WA7TJT



THE PRESIDENT'S VIEW

While talking about the Mike & Key Club the other day, one of our members said he'd like to hear talk about whats "good" with our club instead of all this noise about what's "wrong". A mighty fine idea! And we don't have to go far to find out whats "right".

During Field Day (what you don't know when that was??), I think anyone would have seen whats "right" with our club when the folks started hitting Ft. Flager State Park with the rigs, and cars and trailers, and food, and all the other stuff it takes to make Field Day a success. From a lot of apparent confusion came operating locations, stations, antennas, power supplies, mini-computers, and about a zillion other things that it takes to set up. By noon on Saturday we were all set. But the amount of cooperation, lending

helping hands, loaning equipment and parts, and advice by the jugfull----it was just flat-out "good". And all because the club was doing something that we enjoyed and we felt good doing it.

Of course we don't know how we made out--that will come when QST publishes the scores in about 5 or 6 months. But according to WA7TIB (Who did a terrific job as FD Coordinator) we did better than last year. And last year the club was FIRST in class 7A. We were ONLY EIGHTH in the whole country among 1592 individual stations and 21,590 operators. So our 11,000 points and 3819 contacts of last year will probably end up a broken record for this year. We got there because we had a good time--we enjoyed the contest--we worked together--and above all we did something "GOOD" in the club. Thanks for the suggestion about something "good" in our club. And YOU are part of that GOOD!!

73 - 613 -

* ** FOR SALE ** *

DRAKE TR-4 with AC,DC power supplies and speaker.
call Joe Rutledge WB4ESE, 632-1473 evenings.

NORTHWEST DIVISION DIRECTOR VISITS
MIKE & KEY AMATEUR RADIO CLUB

Bob Thurston, W7PGY, along with his wife, Maxine, attended the June 17th regular business meeting of the M&K. Bob gave us a tour thru headquarters via a slide presentation and afterwards spoke on some of the current events affecting amateur radio. Some of which were: CLUB CALLS- Bob reported that the FCC has received several thousand letters in regards to this proposal and was optimistic that perhaps the FCC would reverse itself on this issue. AUTO PATCH - seems a rumor was started alleging that the FCC was issuing citations to auto patch users who would call their XYL to see if she needed anything from the store. An investigation of this rumor proved that it was entirely without fact. DOCKET 20271 - Bob urged everyone to inform him/her self in regards to this docket and make their thoughts known to the FCC. The deadline for comments was June 30, 1978. RFI BILL - The RFI bill has come up for discussion in the U.S. Senate but the outcome was not known at this time. On behalf of the club, I want to thank Bob and Maxine for their visit and hope that they can come back soon.

- Chuck WA7RJT -

CORRECTIONS
FOR THE ROSTER

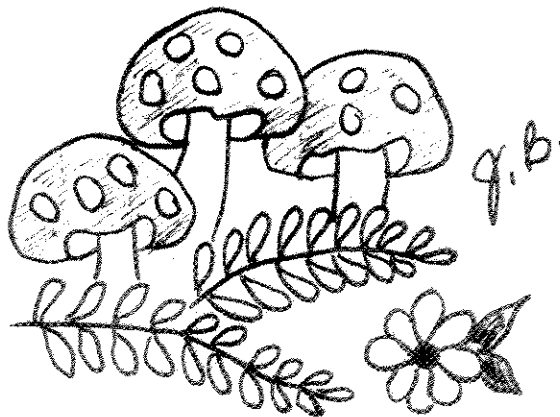
1. Ken Jackson 18944 33rd ave S. Seattle 98188 ph. 246-7354
2. Tom & Sue Needham 23921 SE 28th Issaquah 98027 ph. 392-7530
3. Don Rembaugh 20175 45th NE Seattle 98155 ph. 362-9189 (G)
4. Frank Remington ph. 833-4754

FOR THE LADIES

BACON-MACARONI SALAD

- 1 cup uncooked elbow macaroni
- 1/2 pound bacon, cut in 1" pieces
- 1 cup finely diced celery
- 3/4 cup mayonnaise
- 1/2 cup sweet pickle relish
- 1/2 cup finely chopped onion
- 2 TBSP pimiento, cut in strips

- (1) Cook macaroni in boiling water til tender, about 15 minutes.
- (2) Panfry bacon til crisp and remove to paper towel
- (3) Add bacon and remaining ingredients to drained macaroni. Mix lightly to combine evenly. Chill thoroughly.



CONGRATULATIONS to Ken and Lois Jackson - married June 3rd.

THE AMERICAN RADIO RELAY LEAGUE, INC.



VHF REPEATER ADVISORY COMMITTEE

QST
OFFICIAL ORGAN

Seven Call Area Representative
Clay Freinwald, K7CR

The new ARRL, 1978-79 Repeater Directory is now available from the League and it contains information about 3793 repeaters. I have listed some statistics from the new Directory for you...needless to say the interest in repeaters continues to increase. These stats do not reflect the opening up of the new portion of 2 meters which adds 20 channels to the old 27 channel band.

| <u>BAND</u> | <u>U.S.</u> | <u>CANADA</u> | <u>TOTAL</u> | <u>CHANGE</u> |
|------------------|-------------|---------------|--------------|---------------|
| 10 | 27 | 0 | 27 | Up 69% |
| 6 | 164 | 1 | 165 | Up 33% |
| 2 | 2497 | 225 | 2722 | Up 19% |
| 220 | 320 | 5 | 325 | Up 36% |
| 450 | 525 | 12 | 537 | Up 36% |
| 23Cm | 6 | 0 | 6 | None |
| ATV Rptrs | 11 | 0 | 11 | Up 38% |
| <u>TOTALS...</u> | 3350 | 243 | 3793 | |

Increase in number of repeaters over last years Directory.....24%

There are now 1175 Autopatch repeaters this is an increase of...38%

Repeaters now having emergency power capability, 1006, an increase of..165%

RACES repeaters are up to 138 for an increase over last year of....220%

The number of RTTY repeaters is now 100, double to 100 or an increase of.....100%

FUZZ BUZZ repeaters, those with emergency ONLY autopatch total 154 or UP 431%

On 2 meters the number of repeaters operating on non-standard (30KHz) channels continues to increase with that total now 359 or just over 13% of the total.

1978 FIELD DAY REPORT
raw scores before final duping

Clay
-K7CR-

| <u>STATIONS</u> | <u>1978</u> | <u>1977</u> |
|------------------------------------|--------------------|---------------|
| 75ph | not turned in yet- | 450 |
| 40ph | 390 | 352 |
| 20ph | 825 | 769 |
| 15ph | 600 | 610 |
| 6-10ph | 425 | 340 |
| <u>total phones</u> | 2240-incomplete | 2521 |
| 20cw | 280 | 579 |
| 40-15cw | 750 | 632 |
| <u>total cw</u> | 1030 | 1211 |
| cw mult (x2) | 2060 | 2422 |
| Novice-60 QSO x2 cw mult | 120 | 0 |
| <u>total cw score</u> | 2180 | 2422 |
| <u>total phone score (-75ph)</u> | 2280 | 2521 |
| TOGETHER = | 4460 | 4943 |
| low power mult - x2 | <u> x2</u> | <u> x2</u> |
| total claimed score minus 75 ph | = 8920 | = 9886 |

(if 75ph got 300 QSO, add 600 to the above claimed score or a total of 9560 plus bonus points)

Hooray for the Novice station - 60 Qs, way to go!

Score under last year due to lack of 80cw and 20 cw was at 50% of last year. 10ph should have operated 80cw at night at 2 pts/contact. It would have helped a bunch.

40-15cw with Hal N7NW and Steve K7KOT, our top station with over 750 Qs and 1500 points.

20ph beat their previous record by some 50 Qs over last year.

15ph was great- they were ahead of 20ph til evening, getting places 20 couldn't even hear.

We missed bonus points due to no outgoing traffic being handled, this will hurt- what happened?

20cw MUST use vertical polarization next year as they were hurting 20ph and visa-versa.....Mistake!

10ph antenna system was burning the leaves off the trees over by 20ph. How much gain did they have over last year?

An AR22 will turn only small TV antennas, LEAVE 'EM AT HOME.

8.

FIELD DAY cont.

Vertical 40 meter beam on 40cw really worked- they did 300 Q's in only 10 hours. Compare that to 390 Q's on 40 phone for 24 hours on the air. 40 phone did best last year tho'.

HQG's company - many thanks again for Thumper, it was great.

Suggest club invest in a power distribution system for FD, we had over 400' on 20ph.

And Chip - don't give us any nonsense about being in Japan and couldn't catch the ferry.....

DID YOU KNOW.....

- that Carl W7PRW was the single-op division leader in the June 1957 VHF QSO Party.....
 - that the multi-op section winner in the June 1968 VHF QSO Party was K7KOT & W7DNU, 2nd place to W7ZSL & K7WTG.....
-

JULY

15th - Board meeting, 7:30 AM. General Business meeting, 10:00 AM

22-23 - Club camping trip, maybe at Buck Creek??

29-Aug 6 - Seafair parades, contact Ken K7YR(392-7954), Chuck WA7EBH.

AUGUST

12-13 - Spokane Hamfest

19 - Board meeting 7:30 AM. General Business meeting 10:00 AM.

19-20 - Tacoma Hamfair

26 - Annual Heart Assoc. Bike-A-Thon, contact Chuck WA7EBH (746-4122)

PUBLIC SERVICE ACTIVITIES CALENDAR

If you have wanted to get involved in Public Service, contact persons given and offer your services. It will make YOU feel good and it will help your community.

Monday 31 July: SEAFAIR UNIVERSITY DISTRICT CHILDRENS PARADE. Assemble at 5:30P on University Way at 52nd. Use 146.58 FM. Contact K7YR or WA7EBH.

Wednesday 2 Aug: GREENWOOD DISTRICT SEAFAIR PARADE. Assemble at 5:30P at Pizza & Pipes at 100 N 85th (Just west of Greenwood). Use 146.58. Contact K7YR or WA7EBH.

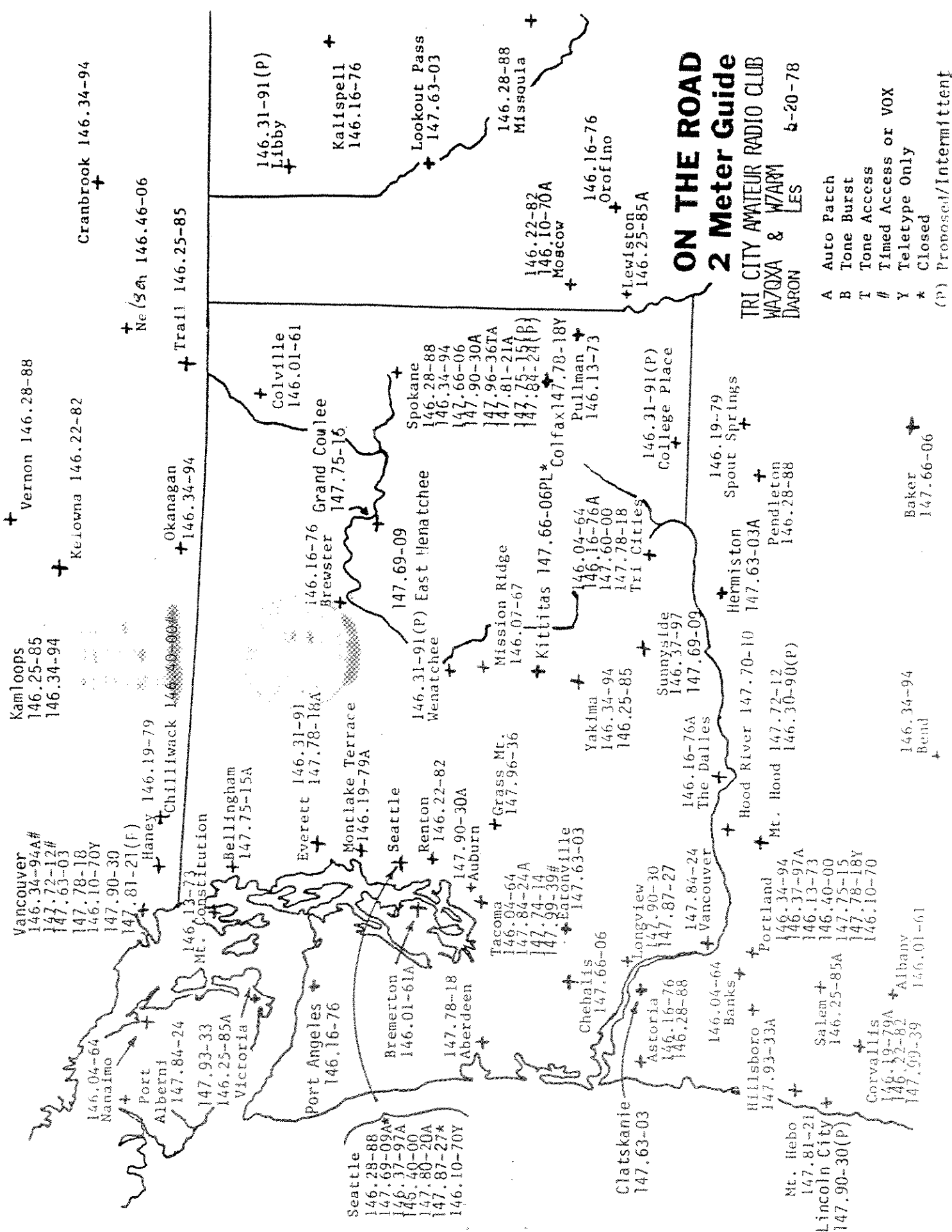
Friday 4 August: SEAFAIR TORCHLIGHT PARAGE. This is the BIGGIE of SEAFAIR. Assemble at 5PM at 4th & Madison. Use 146.58 FM & Contact K7YR or WA7EBH.

Saturday 5 August: LAKE CITY SEAFAIR PARADE. Assemble at 5:30P Lake City Elks parking lot (145th & Lake City Way). Use 146.58 & Contact K7YR or WA7EBH.

Saturday 26 August: HEART ASSOCIATION BIKE-A-THON. This is a big event & takes several stations. Held around Lake Washington. Assembly points assigned in advance. Uses 146.58 and 28/88 Repeater. Contact WA7EBH.

Saturday & Sunday 9 & 10 Sept: SEAFAIR SALMON DERBY. Held 2 days starts 6AM till 1PM using 2 Meters & repeaters. Contact K7WTG early.

Saturday & Sunday 28 & 29 OCT: Sports Car Club of America Annual Nor'Wester Rally. This is a biggie for SCCA. Runs from afternoon Sat till around 10AM Sunday. Area covers North Bend to Stevens Pass on Weyerhaeuser logging roads. Not open to public & you get up front seat. Uses many stations, mobiles, portables, etc. on 2Meter FM & takes 40-50 operators. Contact Steve Dighman K7SSC early for assignment. Call Steve:Office 655-6841 or Home (Tacoma) 475-4064. A campout with entertainment.



Kamloops
146.25-85
146.34-94

Vernon 146.28-88
Kelowna 146.22-82

Cranbrook 146.34-94

Ne/Sea 146.46-06

Trail 146.25-85

Okanagan
146.34-94

Chilliwack 146.40-00

Haney 146.19-79

Mt. Constitution
146.13-73

Bellingham
147.75-15A

Everett 146.31-91
147.78-18A

Colville
146.01-61

Grand Coulee
147.75-15

Brewster 146.16-76

Montlake Terrace
146.19-79A

Seattle
147.90-30A

Renton
146.22-82

Auburn
147.90-30A

Spokane
146.28-88
146.34-94
147.66-06
147.90-30A

East Wenatchee
147.69-09

Wenatchee
146.31-91(P)

Mission Ridge
146.07-67

Grass Mt.
147.96-36

Kittitas 147.66-06Pl*

Pullman
146.13-73

Colfax 147.78-18Y

Yakima
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Sunnyside
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The Dalles
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ON THE ROAD 2 Meter Guide

TRI CITY AMATEUR RADIO CLUB
WAZQXA & WZARM
DARON LES b-20-78

- A Auto Patch
- B Tone Burst
- T Tone Access
- # Timed Access or VOX
- Y Teletype Only
- * Closed
- (P) Proposed/Intermittent

Baker
147.66-06

Bend
146.34-94

Albany
146.01-61

Corvallis
146.19-79A
146.32-82
147.99-39

Mt. Hebo
147.81-21
Lincoln City
147.90-30(P)

Hillsboro
147.93-33A

Port Angeles
146.16-76

Bremerton
146.01-61A
147.78-18
Aberdeen
147.78-18

Seattle
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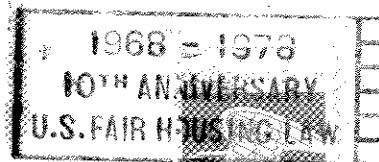
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Port Angeles
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