



K7LED RELAY

SEATTLE, WASHINGTON

VOLUME 7

SEPTEMBER 1979

NUMBER 5

CLUB OFFICERS

| | | | |
|--------------------|--------|-----------------|----------|
| President | K7KOT | Steve Tillett | 927-5456 |
| Vice President | WA7EKH | Ray Leslie | 821-4188 |
| Secretary | WA7UEW | Dick Lundstrom | 838-9559 |
| Treasurer | WA7ELI | Lew Rambo | 488-9120 |
| Activity Manager | N7NW | Hal Goodell | 927-7603 |
| President Emeritus | W7JIE | Gib Gibson | 226-4222 |
| Trustee No. 1 | K7WTG | Pete Hedberg | 883-8535 |
| Trustee No. 2 | WA7EBH | Chuck Stroehrer | 746-4122 |
| Trustee No. 3 | WN7NXC | Les Jacobs | 363-4169 |
| Trustee No. 4 | WA7KBK | Don Rembaugh | 362-9189 |
| Trustee No. 5 | WA7NIW | Dick Radford | 883-0662 |

K7LED RELAY EDITOR

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The Mike & Key net meets each Sunday morning at 10 a.m. on 3,930 Khz with Novice check-in on 3,730 and VHF on 146.58 Mhz.

MEMBERSHIP: 86

ACTIVITIES

| | | | |
|--------------|--------------------------------|-------------------|--------------|
| September 15 | Board Meeting 7:30 a.m. | Turkey House | South Center |
| | Business Meeting 10:00 a.m. | | |
| September 29 | WSP Communications Center Tour | 10:00 a.m. | |
| October 20 | Business Meeting 10:00 a.m. | | |
| | Program Computers | | |
| October 27 | Auction Volunteers Needed | Mc Micken Heights | |
| November 17 | Business Meeting 10:00 a.m. | | |
| December 8 | Christmas Party | Mc Micken Heights | |
| December 15 | Business Meeting 10:00 a.m. | | |

AUGUST BUSINESS MEETING

At the August business meeting there were just enough members show up to have a quorum. This meant that the proposed amendment to the constitution could not be voted on as that takes 50% of the club membership, which we did not have present.

This proposed constitution amendment is very important in as much as it proposes to change the date we elect Club Officers and also affects our "Annual Awards Banquet". This change is needed to prevent a conflict between our Club and the Skagit Club in regards to their Ham Fair and our Banquet. This change would allow us to attend each function rather than have to make a decision as to which we would attend. Please make an all out effort to attend the September club meeting so we may vote on this amendment. A preliminary poll taken at the last meeting indicated that most of those members present were in favor of this amendment.

"Gib" Gibson, W7JIE, presented a very interesting talk on "Intruder Watch" along with his taped recording of some of the things he has encountered in the Amateur bands. By the sounds that he was getting out of that tape recorder it is a wonder that we have any room left in the spectrum for us "Hams" to use. The Activity Chairman has scheduled a series of presentations for after the club meeting. All of them on interesting subjects, so, stick around and give a listen.

Ray, WA7EKH

PUBLIC SERVICE ACTIVITY

September 16, 1979- Sunday- Foot Race from Huskie Stadium to Sandpoint.
Start at 8 a.m. and end at 11 a.m.
Sponsored by the Seattle PI and Bon Marche, proceeds to charity. I need about 5 or 6 operators - 3 mobiles and 3 portables. Frequency 146.58 MHZ Thanks.

Chuck, WA7EBH

AUCTION

The auction committee is in need of speakers of decent quality for the public address system. I'm looking to borrow 4 or 6 larger "Hi-Fi" type speakers, (columns or large enclosures) for the auction day only. These will be in the corners and be protected from equipment, coffee cups and auction goers. This is to provide a basic reserve of sound volume for the hall. Smaller speakers are already on hand to enhance the entire system.

We are looking for a smooth, fast moving and very profitable auction this year and the committee needs your help to make it run. Depending on the hall rental agreement, we will try to set up the hall on the night before. However, no equipment for sale will be allowed in until saturday morning, the day of the auction.

Al, WA7TIB now has a superb computer program in store for this year to make things easier.

Mike, WB7AYU

ACTIVITIES REPORT

INTRUDER WATCH PROGRAM--AUGUST 19

Many thanks to Gib, W7JIE, who gave an interesting and informing presentation after the August meeting on the IARU Intruder Watch Program.

WSP COMMUNICATIONS CENTER TOUR-Sept. 29

The Washington State Patrol is now using their new Communication Center in Bellevue and are providing group tours. I have arranged for the club to tour these facilities on Saturday, Sept. 29th. As only two groups of eight can tour at the same time, we will set up tours for 10 and 11:00 a.m. in order to accomodate those who want to attend. I will pass around a final sign up sheet at the September meeting. I hope to see you there.

AUCTION --OCTOBER 27

This is one date I'm sure you will all want to remember. The M&K annual auction will be held at McMicken Heights with doors opening at 7:00 a.m. Details of the auction will be in the October relay.

PICNIC-AUGUST 5

I believe we can safely say that the annual Mike & Key picnic was a tremendous success. Many thanks to Gene-WA7TAI, Karl-N7AMX, and Jan-WA7HWX, for their assistance in organizing the event. What made this picnic a success was YOU, the club member and their families, who came and enjoyed. KUDO'S to you all.

the day started with overcast skies but as the afternoon wore on the sun broke out and the weather was perfect for swimming, boating, skiing, volly ball or just plain visiting. The coin hunt seemed to be enjoyed by the younger kids almost as much as by their parents. Several mixed volly ball games were played and it soon became apparent who the experts were. Many claims of payoffs to opposing members were bandred about.

The Hedburgs and the Holts brought their boats and provided rides and tows for the skiers. Brian Hedburg was able to single ski for the first time. The activities broke up at about 7:30 p.m. I hope everyone enjoyed the day as much as I did. Many thanks to Tom-WA 7TBP, for arrangeng for us to use a very fine picnic area.

CHRISTMAS PARTY-DECEMBER 6

It's not too early to start thinking about the Christmas Party. McMicken Heights has again been reserved for our annual bash. I would like to set up a committee to get this organized at the Sept. meeting. How about YOU volunteering. The more people we get involved the easier it will be for each of us.

FUTURE ACTIVITIES

As you can see by the activities calender we have several open months. I would like to plan for an activity each month with a program at each meeting. I need your ideas. If you have an activity idea please contact me. All inputs will be appreciated.

BITS AND PIECES

***Congrats to Rick-WB7TI, who made contacts with North Dakota, Iowa, Colorado, Nevada, Arizona, and several California contacts during the August Perseids meteor shower on two meters. His new antenna is really performing. Steve-K7KOT, picked up a new state by working South Dakota. Hal-N7NW, worked Minnesota, Kansas, and New Mexico to increase his state total by three.

***Steve-K7KOT, has again been on the road for his company, just returned from a week in Sweden, following trips to Miss., Texas, Ark., Florida and Minnesota. Boy he gets around.

***Speaking of traveling, the Hedburgs are planning R&R activities in San Francisco beginning Sept. 8th.

***Hal-N7NW, and Steve-K7KOT, spent Aug. 16th through 19th at the Annual Central States VHF Conference in Dallas Texas- swapping trading with other VHF buffs.

Hidden in the letters below are 33 words that HAMS should know without a moment's hesitation. You'll find the words forwards, backwards, up, down, or diagonally. Draw a line around each word as you find it. The words are always in a straight line and never skip letters. Letters may be used more than once. Time yourself, I would like to compare your time with Pete's - K7WTC,

| | | | | | |
|-----------|-----------|--------|------------|-----|-------|
| Amp | Contest | Ham | Ohm | RF | Yagi |
| Antenna | Crystal | Key | Oscar | RST | YL |
| Call | CW | Linear | Oscillator | SCM | Zener |
| Capacitor | Diode | Manual | Pop Brown | SWR | |
| Coax | Frequency | Meter | Radio | TVI | |
| Code | Grid | MTR | Repeater | XYL | |

Y M H O C A Y C N E U Q E R F
O L A P O P B R O W N D I R C
S O I D A R O T A L L I C S O
C A L L X W C A P A C I T O R
A E A Z B S N R O T A E P E R
R D G L I N E A R Z M E R S T
C O N T E S T M E I P N D M M
O I V T R E N E Z G A L C O W
T D N M A N U A L A T S Y R C
M A H Q R E T E M Y E K B X Z

GOOD LUCK - Jan Hedberg
WA7HWX

K7LED - MIKE & KEY AMATEUR RADIO CLUB ROSTER
1 SEPT 1979

| | | | | | | |
|-------------------|------------------------|--------------|-------|----------|--------|---|
| AESCHLIMAN, Jim | 28901 229th Pl. SE | Kent | 98031 | 886-1661 | WB7AHD | A |
| ANDERSON, BOB | 15766 118th Pl. SE | Renton | 98055 | 226-2583 | W7WJM | A |
| BEATTY, Jane | 426 NE 156th | Seattle | 98155 | 364-1564 | | |
| BEATTY, Rick | 426 NE 156th | Seattle | 98155 | 364-1564 | WB7DTI | |
| BECKER, John | 21112 NE 60th Pl. | Redmond | 98052 | 885-1941 | K7PFR | G |
| BECKER, Diana | 21112 NE 60th Pl. | Redmond | 98052 | 885-1941 | | |
| BOROSS, George | 4058 S 762nd St | Kent | 98031 | 852-9412 | N7BT | |
| BRUSH, Archie | 22516 30th Ave S | Seattle | 98188 | 878-2833 | WA7EJY | T |
| BUCHER, Daniel | 7813 48th Ave S | Seattle | 98118 | | WA3WPY | |
| BUTLER, Carl | 16831 40th S | Seattle | 98188 | 242-6297 | W7PRW | G |
| CARPENTER, Jim | 2125 Elm SE | Auburn | 98002 | 833-9017 | K7PHZ | A |
| CARSON, Pat | 9045 NE 137th | Kirkland | 98033 | 828-4298 | WA7MSD | G |
| CHRISTIANSEN, Jim | 22105 7th Pl. W | Bothell | 98011 | 485-2017 | K7ND | E |
| CORNELL, Ralph | 21211 4tg Ave S | Seattle | 98148 | 878-8119 | WA7GIZ | T |
| CRAIG, Max | 3006 S Ferdinand | Seattle | 98108 | 723-8076 | WB7QHO | T |
| CROSS, Mike | 5803 SW Hanford | Seattle | 98116 | 935-2688 | WB7AYU | T |
| DAVIS, Ernie | 3945 SE Pine St. | Portland | 97214 | | W7JUP | T |
| DE JONG, Deborah | 20903 NE 77th St | Redmond | 98052 | 883-3013 | N7AVO | G |
| DE JONG, Karl | 20903 NE 77th St | Redmond | 98052 | 883-3013 | N7AMX | G |
| DIETSCH, Dick | 16807 NE 89th | Redmond | 98052 | 885-6559 | K7KCX | A |
| DUCHESNEAU, Duke | 151 Monterey Dr NE | Renton | 98055 | 255-0583 | N7DU | E |
| DUCHESNEAU, Dave | 151 Monterey Dr NE | Renton | 98055 | 255-0583 | WB7FEF | T |
| EYLANDER, Dick | 28832 190th SE | Kent | 98031 | 631-7751 | WB7BOR | A |
| FANNIN, Joe | 10 4130th Pl. SE | Bellevue | 98005 | 454-6213 | KB7DZ | A |
| FEINWALD, Clay | 8515 Idlewood Dr. SW | Tacoma | 98498 | 584-2988 | K7CR | E |
| GIBSON, M.L. | 1215 N 28th Pl. | Renton | 98055 | 226-4222 | W7JIE | E |
| GOODELL, Hal | 35916 11th SW | Federal Way | 98003 | 927-7603 | N7NW | E |
| GRANT, Dave | 14047 SE 201st | Kent | 98031 | 631-6836 | WA7TOM | A |
| GRANT, Linda | 14047 SE 201st | Kent | 98031 | 631-6836 | WB7DVX | |
| GRAZIER, Chuck | 13210 231st SE | Issaquah | 98027 | 392-3764 | WA7RJT | A |
| HAWORTH, John | 2015 NE 113th | Seattle | 98125 | 362-2015 | K7SRX | A |
| HEDBERG, Jan | 20904 NE 77th St. | Redmond | 98052 | 883-8535 | WA7HWX | T |
| HEDBERG, Pete | 20904 NE 77th St. | Redmond | 98052 | 883-8535 | K7WIG | G |
| HOGGARD, Jim | 2303 N 190th | Seattle | 98113 | 365-0649 | K7MBY | G |
| HOLT, Chris | 6008 230th SW | Mt. Lk Terr. | 98043 | 774-6224 | WA7RJW | T |
| HOLT, Debi | 6008 230th SW | Mt. Lk Terr. | 98042 | 774-6224 | | |
| HOUGH, Charlie | 1800 S 255th Pl. | Kent | 98031 | 839-2999 | WA7ZLV | A |
| IVERSON, Bill | 11840 SE 288th | Kent | 98031 | 631-1223 | WA7HUL | A |
| JACKSON, Ken | 18944 33rd Ave S | Seattle | 98188 | 246-7354 | K7PZX | G |
| JACOBS, Les | 143 NE 156th | Seattle | 98155 | 363-4169 | WN7NXC | A |
| JACOBSEN, Gene | 7334 126th Ave NE | Kirkland | 98033 | 822-3931 | WA7TAI | A |
| JENSEN, Al | 19111 1st Ave NW | Seattle | 98177 | 542-6052 | WA7TIB | A |
| LESLIE, Ray | 13517 117th Ave NE | Kirkland | 98033 | 821-4188 | WA7EKH | T |
| LEWIS, Harry | 10352 Sandpoint Way NE | Seattle | 98125 | 523-9117 | W7JWJ | E |
| LEWIS, Mary | 10352 Sandpoint Way NE | Seattle | 98125 | 523-9117 | W7QGP | G |
| LONG, Jim | 1061 Lynrwood NE | Renton | 98055 | 228-3872 | WA7HCP | A |
| LUNDSTROM, Dick | 34027 43rd S | Auburn | 98002 | 838-9559 | WA7UEW | T |
| MADSEN, Andy | 5012 NW 41st | Seattle | 98105 | 523-7463 | | |
| MOWRY, Dick | 17637 SE 291st | Kent | 98031 | 631-3199 | N7PK | E |
| MOWRY, Millie | 17637 SE 291st | Kent | 98031 | 631-3199 | K7QMG | G |
| MOWREY, Jay | 677 Oppelt Rd | Chehalis | 98532 | 262-3666 | K7BNN | E |

| | | | | | | |
|-------------------|----------------------|---------------|-------|----------|---------|---|
| MOWREY, Vickie | 677 Oppelt Rd | Chehalis | 98532 | 262-3666 | WB7ELG | T |
| NEEDHAM, Sue | 23921 SE 28th | Issaquah | 98027 | 392-7530 | WB7DBZ | T |
| NEEDHAM, Tom | 23921 SE 28th | Issaquah | 98027 | 392-7530 | WA7TBP | A |
| NELSON, Vern | 16812 NE 107th | Redmond | 98052 | 885-0473 | W7ZLW | A |
| NORBERG, Neal | 514 S 68th St | Tacoma | 98408 | 475-3769 | WA7ZUO | |
| PARRIS, Hal | 3405 S 176th #128 | Seattle | 98188 | 244-0641 | WB7EMS | G |
| PELZEL, Jane | 7814 79th Ave SE | Mercer Island | 98040 | 232-8725 | WB7PFJ | G |
| RADFORD, Dick | 3003 169th Ave NE | Bellevue | 98008 | 883-0662 | WA7NIW | T |
| RAMBO, Lew | 11605 NE 150th Pl | Bothell | 98011 | 488-9120 | WA7ELI | T |
| RAMUS, Tom | 8722 17th Ave NW | Seattle | 98117 | 784-9243 | WB7OUT | T |
| RAU, Ken | 23206 SE 53rd | Issaquah | 98027 | 392-7954 | K7YR | E |
| REHNSTROM, John | 9621 9th NW | Seattle | 98107 | 783-2489 | WA7HQG | T |
| REMPAUGH, Don | 20175 45th NE | Seattle | 98155 | 362-9189 | WA7K BK | G |
| REMLIFSON, Bob | 14232 SE 23rd | Bellevue | 98007 | 746-5192 | WB7DGT | |
| SCHAAK, Rick | Rt. 1 Box 114 | Vaughn | 98394 | 884-2457 | K7MF | E |
| SCHUCK, Lynn | 4230 83rd Ave Se | Mercer Island | 98040 | 232-8789 | W7DSB | E |
| SELIGMAN, Jerry | 12306 80th Ave E | Puyallup | 98371 | | W7BUN | |
| SHINNERS, Pat | 6412 17th Ave NW | Seattle | 98107 | 783-7610 | W7VIH | |
| SHIRREL, Dennis | 213 W 232nd Place | Carson | 90745 | | K7DCG | |
| SMITH, Elmo | 4716 S Findley | Seattle | 98188 | 723-4484 | WA7YCM | A |
| SMITH, Jim | 5717 NE 56th | Seattle | 98105 | 523-6167 | KA7APJ | G |
| STRANG, Jim | 23252 SE 45th | Issaquah | 98027 | 392-5554 | W7GPW | A |
| STROEHER, Chuck | 13614 SE 43rd | Bellevue | 98006 | 746-4122 | WA7EBH | A |
| SUTTON, Jim | 3516 SW 343rd | Federal Way | 98003 | 927-8581 | WA7LNQ | A |
| TAKACS, Alex | 142 NE 156th | Seattle | 98155 | 364-8692 | WN7NXI | G |
| TALLET, Steve | 1642 Browns Point | Tacoma | 98422 | 927-5456 | K7KOT | A |
| TIMBLE, Bruce | 14008 Lenora Pl N | Seattle | 98133 | 364-9716 | AA7S | E |
| WILLIAMS, Jerry | 4104 85th Ave SE | Mercer Island | 98040 | 232-1803 | W7WS | E |
| WILLOUGHBY, Craig | 29006 34th S | Auburn | 98002 | 839-1076 | KA7BDU | |
| WINTER, Nick | 5416 S Steele #18 | Tacoma | 98409 | | WA7IVO | |
| WYNNINGTON, Frank | 33702 51st Ave S | Auburn | 98002 | 833-4754 | K7GSE | G |
| YUJGEN, Cliff | 4406 S 146th | Seattle | 98168 | 242-4379 | K7SQA | G |
| ZUTLEGE, Joe | | | | | WB4ESE | |
| ZSCHNEEBECK, Tim | 4522 Brooklyn Ave NE | Seattle | 98105 | 634-0628 | K7QMI | T |
| ZENDERSON, Ron | 1640 Griffin | Enumclaw | 98022 | 825-1578 | WA7OEE | A |

ANY CHANGES, ADDITIONS, OR DELETIONS, PLEASE CONTACT RAY E LESLIE WA7EKH - 73

GONNA START THIS HERE MONTHLY COLLYUM CUT AN' BEG NO PARDONS. IF TH EDDITER OF THIS PAPER LETS ME HAVE MY SAY AH'LL SAY IT. AINT ALLUS GONNA BE NICE AND AINT GONNA GIT WORRIED EITHER. WAY AH SEE IT SUMBIDDIE GOTTA GIT ON HIS HIND LAINGS AND CALL A TURKEY A TURKEY, CALL BULL BYGON GOLDURND BULL, AN KNOCK OFF THIS HANKY PANKY SWEET STUFF. AH MEAN HAM RADDIO. AH'M CONCERNED. AH LIKE THE HOBBY AND AH FIGGER A LOTTA FOLKS SORTA LIKE ~~BEIN~~ BEIN HAMS. BUT THERE IS A FEW WHO SURE SCREW IT UP FOR A LOT OF US. SO THIS HERE COLLYUM IS GONNA TALK BOUT THINGS THAT SHOULD BE UNNERSTOOD BY A FEW MORE FOLKS AND PRACTICED BY A HOLE LOTTA HAMS. IF AH SAY SUMPIN WHAT RUBS YEW WRONG THEN MEBBE YEW OTTER LOOK AT YER HAMMIN--MEBBE YEW IS OUTTA STEP WITH THE HAM WORL. CORSE THAR AINT JUST BAD THINGS ABOUT HAMMIN--THEYS A LOTTA MORE GOOD THINGS. GUESS AH SHOULD TALK BOUT THEM NOW AN THEN AN MEBBE WE WILL. LESSEE WOT HAPPENS FO THE NEXT FEW MONTHS.

FIRST BITCH ON MY LIST IS THEM WHAT WISH YEW ALL "SEVENTY THREES" OR EVEN SAY "BEST SEVENTY THREES". THASS A LOTTA DUMB & AINT GOOD ENGLISH A-TALL. "73" means BEST REGARDS. HIT SEZ "BEST" AND IT SEZ "REGARDS". SO HOWINELL KIN YEW SAY "BEST SEVENTY THREES"? YEW KNOW WHAT YEW SAID? "BEST BEST REGARDSSES" NOW IF THAT AINT DUMB AH DUNNO DUMB. YEW SAY 73 BY DOT&DASH AND YEW SAY "BEST REGARDS" BY FONE. AINTHING ELSE IS UNGOOD ENGLISH AND BAD HAMMIN AND YEW OTTER CUT IT OUT.

STOLEN

A Kenwood TR 7500, Serial No. 613561, was stolen from K700T, skid.
This serves as a reminder to know your seller when buying used equipment.

HR REPORT HIGHLIGHTS

PROPAGATION SEPTEMBER 4-18. August 21st, 26th, and 27th provided fine DXing, more or less as predicted, but the surprisingly good propagation on the 22nd and 23rd came as an unexpected bonus — due primarily to the soaring solar flux and a timid geomagnetic field.

For The Forecast Period, look for moderate solar activity, but be aware that flare production — perhaps a major proton event trailing magstorms in its wake — is likely sometime after the 12th. Presstime prognostications indicate that the best days for your forays into DX-land will be September 4th, 5th, 10th, 11th, and 18th. Be sure to make good use of the 10 and 15 meter bands on these days should Old Sol decide to live up to expectations!

Days To Avoid are between the 6th and 9th, when conditions are expected to range from poor to magnetically stormy, adversely affecting trans-polar-path propagation. Although September 12th, 13th, and 14th could provide some excellent propagation, it is my opinion that one or more flares during this period will throw predictions into a cocked hat. The 15th is a good candidate for such a flare, and the ensuing few days will be ones of recovery from a very disturbed magnetic field.

"Meat And Potatoes" DXing will continue to be the province of 20 meters, but 40 and 80 are beginning to become hot contenders in the evening on those days when propagation is expected to be good to excellent. As for 160, just be patient. Fall is a-comin'. W1XU

CLUB DUES

The following have entered the grace period for being a member in good standing, dues need to be paid prior to ending of the three month grace period to prevent being dropped from the club. Your dues expired on the date shown.

| | | | |
|-------------|------------|-------------|-------------|
| W7LNQ 7-79 | K7RN 6-79 | WA7ELI 7-79 | WB7FEF 6-79 |
| K7ND 7-79 | K7BNN 7-79 | WB7AYU 7-79 | |
| WB7QHO 8-79 | W7DSB 8-79 | K7SRX 7-79 | |

Here are the expiration dates of members in the next four months.

| | | | |
|-------------|--------------|--------------|--------------|
| K7PZX 9-79 | W7WS 10-79 | KA7BDU 11-79 | W7JUP 12-79 |
| KA7APJ 9-79 | WB7OUT 10-79 | | WB7DGT 12-79 |
| | WB7ELG 10-79 | | |
| | WB7PFJ 10-79 | | |
| | WB7AHD 10-79 | | |
| | WB7BOR 10-79 | | |
| | N7DU 10-79 | | |

Ray, WA7-EKH

MIKE AND KEY AMATEUR RADIO CLUB
16812 N.E. 107th
Redmond, WA 98052



FIRST CLASS

Vern Nelson
16812 NE 107th
Redmond, WA 98052