



The Feedline

January 1999

Vol. 20, No. 1

Calendar of Club Events

MEETINGS

Our club meetings are usually at the Red Cross building in Madison, at 4860 Sheboygan Avenue. Regular meetings start with the business meeting at 7:30 PM, followed by the program unless otherwise noted. They are subject to change. You can find any updates by checking the FLARC2 packet station on the following frequencies: 147.555 (1200/9600 Bd) and 446.100 (1200/9600 Bd).

SATURDAY MORNING "ZILCH" LOCATIONS

The eastside Zilch (ham breakfast) is at 8:00 AM at a new location (TBA). The westside Zilch is at 10:30 AM at Fitzgerald's on the Beltline in Middleton. Come join us!

FLARC NETS

Sunday morning on 28.350 MHz at 9:30 AM. Warm up on 3.985 between 9-9:30 AM.

MADISON AREA INFO NET

Thursday evenings on 147.15 at 8 PM. The backup frequency is 146.76. Traffic and check-ins are welcome.

MADISON WEB PAGE

Visit this address: <http://members.aol.com/staskc2ak> and link to the new site. Keep checking the links page for new goodies!

MEETING DATES AND PROGRAMS

| | |
|----------|-------------------------------|
| 01/05/99 | Nominations for club officers |
| 01/15/99 | Election |
| 02/02/99 | Madison DX Club presentation |

BUCK NIGHT WINNER

The winner for December 1 was Joe K9KVA.

Prez Sez

Hi, Everyone!

First let me congratulate Chuck Forster, WA9ACI, on his selection as Ham of the Year. His quiet work behind the scenes in coordinating the work of FLARC and ARES and his readiness to provide effective disaster/emergency communications deserve our thanks.

I will distribute a few certificates of appreciation at our first January meeting to recognize the work of others who contributed to the Ham Community.

We had many good nominees for Ham of the Year, who will be remembered for future years and/or other awards. My thanks to all of you who took the time to make such well-considered nominations!

Our first big effort in January 1999 will be the weekend "crash" intro ham radio course. Please contact Don W9IXG to see how you can help. We hope this educational opportunity will add a number
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The Feedline is the monthly publication of the Four Lakes Amateur Radio Club (FLARC) and is published to inform members of club meetings and other events as well as local and worldwide news affecting amateur radio. Articles in the *Feedline* may be reprinted without permission, but please give the author and the source credit.

Deadline The 20th of every month

Where to send it If you have an article you would like to publish in the *Feedline*, send it to:

Peg Haese KB9LIE
2637 Ninth Avenue
Monroe WI 53566
(608) 325-6452

Continued from Prez Sez, p. 1.

of competent new operators to our ranks. Now's our chance to help others get into the hobby, just as we were helped in getting our first ticket!

Remember too, elections are coming up. We are in particular need of a new at-large member of the board. Consider serving yourself or nominating a fellow member. FLARC needs the time and talent of our individual members!

Dave N9DMS

Kids on the Air

The January 1999 *QST* promotes an on-air gathering called Kid's Day. Like Straight-Key Night, this is not a contest but a chance to make some friendly contacts. The dates are January 2 and June 19, 1999, from 1800 to 2400 UTC. The suggested exchange (or icebreaker to get some conversation going) includes name, age, location, and favorite color. Suggested frequencies are 14270 to 14300 kHz and 28375 to 28400 kHz. A participant certificate is available from the Boring Amateur Radio Club, Box 1357, Boring OR 97009. Please include a 9x12 SASE. For further details, see the *QST* article or check out www.jzap.com/k7rat.

Locally, the N9UW hamshack at Space Place will be open for Kid's Day from 12 noon to 4:00 PM and needs control operators. If you can help, contact Jim KB9REO at (608) 263-0360.

This will be followed by the January 9 Space Place Family Workshop, starting at 10:00 AM Saturday morning. The program guide says, "Find out if you would like to become an amateur radio operator." Children aged 6–10 years and their parents are welcome to participate; no fee and no registration are required!

As Time Goes By

by Carol Hoke NS9L

1946 At FLARC's August 12 meeting, W9RBI gave a short talk on the "care and feeding of 807s." At the following meeting, W9UFX offered to provide a case of beer for some future event and announced upcoming emergency tests. Several members expressed an interest in signing up for a



year's subscription to *CQ* magazine at the group rate of \$1.50 per person per year. At the November 11 meeting, W9HCR urged FLARC members to build FM equipment. On November 25, W9LIP gave a program on transmitting tubes. On December 9, W9IHB proposed an open-house-type meeting for the club, and December 15 was set as the date on which the club would visit the shacks of IHB, LVX, AWD, and TMB. At the December 23 meeting, W9OJA talked about variable frequency crystal oscillators. As of the end of the year, FLARC had 42 active members and several candidates for membership. A nightly feature during the latter part of 1946 was the on-air meetings of the "29ers club" for discussion of various topics. Certain times were designated as "Ladies Night," during which members' XYs (there were no female FLARC members) were invited to join the discussion. It was FLARC's hope that these roundtables would foster "tolerance and understanding of amateur radio in the home."

1947 On February 10, W9FTG reported on plans for the code class to be conducted at the University Armory. On April 14, W9RNX told of the needs of the PA0 whom he agreed to help get on the air. A motion was made and passed that the club would pay shipping charges to send equipment to the PA0 while the members would donate the equipment if possible. On April 28, the winners in the WAS contest were announced, with W9RBI first with all 48 states. The August 11 meeting was held at the WIBA transmitter site. Plans were announced for a FLARC picnic to be held at Blue Mounds park. Tickets would be 15 cents each or 2 for 25 cents. A committee was appointed to arrange 2 door prizes: "1 for hams, 1 for ladies."

An Annotated Thermometer, or How Cold Is It?

ADAPTED FOR AMATEUR RADIO BY KL7J

Submitted to the Feedline by Jim Gordon W9GL

- 50** Miami rotators need heat applied.
- 40** Californians' guywires shiver uncontrollably.
Wisconsinites go on field day.
- 35** Italian coax breaks.
- 32** Clean water freezes.
- 30** You can see your breath freezing to the tower.
You plan your DX vacation to Australia.
Wisconsinites put on field day jackets.

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Con't. from Annotated Thermometer, p. 3.

- 25** Californians turn on car heater instead of radio.
Wisconsinites think of antenna projects.
Cat tries sleeping on your radio.
- 20** You can hear the antenna rotator groan.
Miami residents plan DX vacation further south.
Canadians enjoy outdoor operating field day.
- 15** You plan a DX vacation in Mexico this winter.
Cat insists on sleeping on your radio.
- 10** Californians' coax breaks.
Minnesota hams finish up antenna work.
Alaskans still building antennas before winter.
- 5** You turn on your amp to heat the shack.
You look up to see why the antenna seems slow
when rotating.
Ice detains your Yagi.
- 0** Mobile radio LCD will not work.
Alaskans put on flannel shirts.
Coax freezes to the side of the house.
- 15** Alaskans build a field day igloo.
North Dakota hams turn heat on in shack.
Miami hams cease to exist.
- 20** Cat moves to sleeping on the amp.
Reading the technical manual becomes informa-
tive.
Wisconsinites note mild antenna icing.
- 25** Too cold to operate without feet on keyed amp.
You need more than a new country to get DXers
excited.
You burn the old radio ads for heat.
- 30** You scrape ice off the inside of the shack win-
dows.
You think of metal fatigue as the tower groans.
You learn something new reading the small print
in the manuals.
- 40** Californian hams disappear.
Wisconsinites note antenna rotators freezing.
Canadians decide to stop antenna work . . .
reluctantly.
- 50** Congressional hot air about band reallocation
freezes.
Alaskans note the shack window has ice on the
inside.
Minnesota hams stay inside to read radio maga-
zines.
- 80** Alaskan rotators freeze (-82 F recorded in
Alaska!).
Alaskan coax breaks if moved.
You ask your travel agent for a DX vacation in
Bermuda.

From web site [www.alaska.net/~buchholz/js/
howcold.txt](http://www.alaska.net/~buchholz/js/howcold.txt)

1999 Wisconsin QSO Party Rules

DATE/TIME: 1800Z MARCH 14 - 0100Z

MARCH 15, 1999

Modes

CW and Phone. All stations may be worked once per mode on each band. In addition, mobiles may be worked once per mode per Wisconsin county that they operate from. Mobiles cannot sit on a county line.

Entry Classes

Single Operator Fixed Multioperator Fixed
Multi Xmtr/Multiop Fixed
Single Operator Mobile Multioperator Mobile
Multi Xmtr/Multiop Mobile
Single Operator Novice Multioperator Novice
Multi Xmtr/Multiop Novice
Single Operator Tech Multioperator Tech
Multi Xmtr/Multiop Tech

Exchange

Wisconsin stations send county. Non-Wisconsin stations send state or province or country.

Suggested Frequencies

CW: 3550, 3705, 7050, 7125, 14050, 15M CW,
10M CW, 6M CW, 2M CW
Phone: 3890, 7230, 14290, 21350, 28400, 6M SSB &
FM, 2M SSB & FM
Other frequencies may be used.

Scoring

Phone contacts count 1 QSO Point; CW contacts count 2 QSO Points. No repeater QSOs.

Wisconsin Stations

Multiply the sum of QSO points by the sum of Wisconsin counties (max. 72), plus states (max. 50) plus Canadian provinces (max. 13) worked. Note: DX countries worked count for QSO points but not as multipliers.

Bonus

Wisconsin Mobiles/Portables: Add 500 bonus points for each county you operate from, outside your home county, with a minimum of 12 QSOs per county to qualify.

Non-Wisconsin Stations: Multiply the sum of QSO points by the number of Wisconsin counties worked (max. 72).

Logs

Entries must contain a log consisting of the following information: Time (GMT), callsign worked, band, state/province or Wisconsin county, mode, and a complete Score Summary including **your** name, address, and call. Circle new multipliers as worked. Logs containing more than 200 QSOs must be accompanied by a dupe sheet (separate dupe sheet for each mode). Mobile entries must indicate county changes in log. Postmark by March 31, 1999, and send to:

Wisconsin QSO Party
West Allis Radio Amateur Club
Box 1072
Milwaukee WI 53201

Awards

Wisconsin: Awards will be presented to the following

- Highest single operator score in the QSO Party.
- 10 highest single operator scores in each entry class.

- Highest multioperator score in each entry class.
- Highest aggregate club score (club member stations to be located within 50 miles of the club, except for mobiles).

Non-Wisconsin: Awards will be presented to the following:

- Highest single operator score in the QSO Party.
- Highest single operator score in each single operator category in each state/province.

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Wisconsin Counties

| | | | | | | | | | |
|-----|----------|-----|-------------|-----|-----------|-----|-----------|-----|-------------|
| ADA | Adams | DOO | Door | JUN | Juneau | OCO | Oconto | SHA | Shawano |
| ASH | Ashland | DOU | Douglas | KEN | Kenosha | ONE | Oneida | SHE | Sheboygan |
| BAR | Barron | DUN | Dunn | KEW | Kewaunee | OUT | Outagamie | STC | St. Croix |
| BAY | Bayfield | EAU | Eau Claire | LAC | La Crosse | OZA | Ozaukee | TAY | Taylor |
| BRO | Brown | FLO | Florence | LAY | Lafayette | PEP | Pepin | TRE | Trempealeau |
| BUF | Buffalo | FON | Fond du Lac | LAN | Langlade | PIE | Pierce | VER | Vernon |
| BUR | Burnett | FOR | Forest | LIN | Lincoln | POL | Polk | VIL | Vilas |
| CAL | Calumet | GRA | Grant | MAN | Manitowoc | POR | Portage | WAL | Walworth |
| CHI | Chippewa | GRE | Green | MAR | Marathon | PRI | Price | WSB | Washburn |
| CLA | Clark | GR | Green Lake | MRN | Marinette | RAC | Racine | WAS | Washington |
| COL | Columbia | IOW | Iowa | MRQ | Marquette | RIC | Richland | WAU | Waukesha |
| CRA | Crawford | IRO | Iron | MEN | Menominee | ROC | Rock | WAP | Waupaca |
| DAN | Dane | JAC | Jackson | MIL | Milwaukee | RUS | Rusk | WSR | Waushara |
| DOD | Dodge | JEF | Jefferson | MON | Monroe | SAU | Sauk | WIN | Winnebago |
| | | | | | | SAW | Sawyer | WOO | Wood |

States

| | | | | | | | | | |
|----|-------------|----|---------------|----|---------------|----|-------------|----|-------------|
| AK | Alaska | HI | Hawaii | ME | Maine | NJ | New Jersey | SD | S. Dakota |
| AL | Alabama | IA | Iowa | MI | Michigan | NM | New Mexico | TN | Tennessee |
| AR | Arkansas | ID | Idaho | MN | Minnesota | NV | Nevada | TX | Texas |
| AZ | Arizona | IL | Illinois | MO | Missouri | NY | New York | UT | Utah |
| CA | California | IN | Indiana | MS | Mississippi | OH | Ohio | VA | Virginia |
| CO | Colorado | KS | Kansas | MT | Montana | OK | Oklahoma | VT | Vermont |
| CT | Connecticut | KY | Kentucky | NC | N. Carolina | OR | Oregon | WA | Washington |
| DE | Delaware | LA | Louisiana | ND | N. Dakota | PA | Pennsylv. | WI | Wisconsin |
| FL | Florida | MA | Massachusetts | NE | Nebraska | RI | Rhode Isl. | WV | W. Virginia |
| GA | Georgia | MD | Maryland/DC | NH | New Hampshire | SC | S. Carolina | WY | Wyoming |

Canadian Provinces

| | | | | | | | |
|-----|------------------|-----|---------------------|-----|--------------------|-----|--------------|
| ALB | Alberta | NB | New Brunswick | NS | Nova Scotia | QUE | Quebec |
| BC | British Columbia | NEW | Newfoundland | ONT | Ontario | SAS | Saskatchewan |
| LAB | Labrador | NWT | Northwest Territory | PEI | Prince Edward Isl. | | |

1999 Wisconsin QSO Party

Score Summary Sheet

Name _____ Call _____

Address _____

City _____ State/Province _____ Zip _____

Home WI County _____ Club Affiliation Four Lakes ARC

Entry Class: ___ Single Op Fixed ___ Multiop Fixed ___ Multi-Multi Fixed
 ___ Single Op Mobile ___ Multiop Mobile ___ Multi-Multi Mobile
 ___ Single Op Novice ___ Multiop Novice ___ Multi-Multi Novice
 ___ Single Op Tech ___ Multiop Tech ___ Multi-Multi Tech

WI counties worked from _____

SCORING: CW QSOs _____ x 2 = _____ CW Points
 Phone QSOs _____ x 1 = _____ Phone Points
 Sum of CW + Phone Points = _____ QSO Points
 Number of Multipliers = _____ Multipliers
 Wis. Counties (Max. 72) _____
 States (Max. 50) _____
 Provinces (Max. 13) _____
 QSO Points x Multipliers = _____ Points
 Bonus Points = _____ Points
 Final Score = _____ Points

I have read and followed the WISCONSIN QSO PARTY RULES to the best of my knowledge. All operators must sign legibly with callsign.

Signature(s) _____

Date _____

All entries must be sent to 1999 Wisconsin QSO Party, West Allis Radio Amateur Club, Box 1072, Milwaukee WI 53201, postmarked no later than March 31, 1999. The Wisconsin QSO Party Rules Committee may disqualify late entries and/or those entries with QSO Party Rules violations. Results will be available on the internet at www.execpc.com/WARAC (capitalize WARAC) or by submitting an SASE with entry.

FLARC Membership

Please start/renew my FLARC membership. Enclosed is my check/money order payable to the Four Lakes Amateur Radio Club.

Check one: New Member ☐ Renewal ☐

Check one: Regular \$20 ☐ Student (under 18) \$10 ☐ Senior (65+) \$17 ☐

Additional Family Members \$14 each (one newsletter per family) ☐

Name _____

Callsign _____

Street Address _____

City _____ State _____ Zip _____+ _____

Birthdate _____

Telephone _____

ARRL member? ☐ Yes ☐ No

E-mail address (optional) _____

Return this form and your check to **Marylynn Franzen K9SAM, FLARC Treasurer, 2652 East Washington Avenue, Madison WI 53704.**

Four Lakes Amateur Radio Club

c/o Peg Haese KB9LIE, Editor
2637 Ninth Avenue
Monroe WI 53566-3536

First Class Postage



1998 FLARC Officers

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Gary Dennis KG9FL, Vice-President
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Marylynn Franzen K9SAM, Treasurer

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