

The Marinette and Menominee Amateur Radio Club

GROUND WAVE

Repeater Frequencies 147.00MHz & 444.075MHz
Club Net: Sunday 7PM 147.00MHz

Web Page <http://w8pif.com>



Officers:

President: Jim Callow K8IR
Vice President: Pete Johnson, AB9PJ
Treasurer: Mike Lemke, KD8FUE
Secretary: Mark Erickson KD8ESH

The MMARC Newsletter

December 2013

CLUB CALENDAR...

December 12th Club Meeting NWTC
January 9th Club Meeting
January 18th Post-Christmas Party

DECEMBER MEETING...

Our final meeting of the year will be held Thursday December 12th in Room 129 at NWTC. We'll discuss details for the Post-Christmas Party On January 18th. For the program we will view a new Ham Radio Video. We hope you can attend.

DUES TIME...

A reminder that 2014 dues should be paid by the end of the year. Thanks to all who have already paid for the new year. You can pay at a meeting or via the PO Box. Dues remain \$18 for a single membership, and \$27 for a family.

HAM BREAKFAST...

The next Ham Breakfast is scheduled for Saturday December 14 at AppleJacks Bar & Grill, 20 W Hosmer Street, Marinette at 9 a.m. All hams, family & friends invited. RSVP by December 9, 2013 to Ed, KG8CX or e-mail Char Conover XYL of Bruce, N9CON at bconover@centurytel.net. Plans are to hold a Ham Breakfast on the second Saturday of each month.

POST CHRISTMAS PARTY...

At the November meeting, the membership voted to hold our Post-Christmas Party on January 18th at Riverside Golf Club in Menominee. The menu will include ham and chicken. Thanks to Mike, KD8FUE for researching our options. Full details and the RSVP form will be in the next Ground Wave.

ARLX013 ARRL Granted Use of W100AW for League's Centennial

The FCC has authorized the Maxim Memorial Station W1AW to also use the call sign W100AW during 2014, the ARRL's centennial year.

Contacts made from the Maxim Memorial Station in Newington, from regional Centennial conventions, and during the IARU HF Championship will use W100AW, with portable designators as appropriate. The "W1AW WAS" operations throughout 2014 from each of the 50 states will use W1AW, not W100AW.

Bulletins and code practice transmissions during 2014 also will still use W1AW. Contacts with W100AW will be worth 100 points in the ARRL Centennial QSO Party. To help kick off the ARRL Centennial, special W100AW activity will begin at 0500 UTC on January 1, 2014 (midnight in Newington), and will include participation in ARRL's Straight Key Night; one CW station will use Hiram Percy Maxim's straight key. Activity will continue throughout New Year's Day.

ARLB030 ARRL Files "Symbol Rate" Petition with FCC

The ARRL has asked the FCC to delete the symbol rate limit in 97.307(f) of its Amateur Service rules, replacing it with a maximum bandwidth for data emissions of 2.8 kHz on amateur frequencies below 29.7 MHz. The ARRL Board of Directors adopted the policy underlying the petition initiative at its July 2013 meeting. The petition was filed November 15.

"The changes proposed would, in the aggregate, relieve the Amateur Service of

outdated, 1980s-era restrictions that presently hamper or preclude Amateur Radio experimentation with modern high frequency (HF) and other data transmission protocols," the League's petition asserted. "The proposed rule changes would also permit greater flexibility in the choice of data emissions." Symbol rate represents the number of times per second that a change of state occurs, not to be confused with data (or bit) rate.

Current FCC rules limit digital data emissions below 28 MHz to 300 baud, and between 28.0 and 28.3 MHz to 1200 baud. "Transmission protocols are available and in active use in other radio services in which the symbol rate exceeds the present limitations set forth in 97.307(f) of the Commission's Rules, but the necessary bandwidths of those protocols are within the bandwidth of a typical HF single sideband channel (3 kHz)," the ARRL's petition pointed out.

The League said it's been more than three decades - when the Commission okayed the use of ASCII on HF - since the FCC has evaluated symbol rate restrictions on radio amateurs as a regulatory matter. "The symbol rate restrictions were created to suit digital modes that are no longer in favor,"

As an example, the League pointed to PACTOR 3, which is permitted under current rules, and PACTOR 4, which is not. Despite PACTOR 4's greater throughput, both protocols can operate within the bandwidth of a typical SSB transmission.

"If the symbol rate is allowed to increase as technology develops and the Amateur Service utilizes new data emission types, the efficiency of amateur data communications will increase," the ARRL concluded.

Marinette and Menominee Amateur Radio Club Meeting 11-14-13

7PM the Club Meeting was called to order. The Club President led the membership in the Pledge of Allegiance.

The Membership discussed their radio related activities/projects since the last club meeting.

Secretary's Report: Approved by the membership as printed.

Treasures Report: KD8FUE reported that the club has total assets of \$1,895.79 Membership dues can now be paid.

Communications: The Wisconsin Repeater Association contacted the M&M ARC and has brought our information up to date.

NET and DAR Report: The 147.000 net has been averaging 20 to 25 plus check-ins weekly. Both repeaters are working well. The R-8 Antenna up on the roof of the DAR and is working very well.

Quartermasters Report: The report is current and up to date.

Repeater Committee: The Membership agreed that both systems are working well. AB9QC has been able to get into the 147.000 repeater with 5 watts from Green Bay.

HAT Team: No report at this meeting.

QCWA Report: A meeting took place at The Fox Valley Ham Fest. The QCWA. Monthly Net is held on the second Saturday of the month at 4pm on 3838 kHz. All are welcome. The next meeting will be held in Negaunee Mich. on February 1st.

Old Business: A Christmas Party discussion took place among the membership. KD8FUE contacted several establishments about hosting this event. The membership selected Riverside Country Club as the location for the event. The menu will include both Ham and Chicken. The third Saturday of January (18th) is currently available.

New Business: APRS Demonstration. AB9PJ, KG8CX, and N9CON put on a demonstration of APRS capabilities. AB9PJ was tracked by APRS with his cell phone. The membership was able to see his position and communicate with him while driving.

A raffle was provided by W8DXX. Thank you for your support.

Members present at the 11-14-13 meeting: KD8FUE
KG8CX AB9QC KD8OVR W8DXX K9GGV W9WCJ N9OWD
KD8ESH K8IR AC8IO NOAWM AA8UT K8BKA N9CON W9GCG &
W9LEG (echo-link)

The next Club meeting will be December 12th, at 7pm in room 129 at NWTC in Marinette.

A motion for adjournment was made by AC8IO, Support was provided by W8DXX. The motion passed unopposed. Meeting adjourned at 8:15pm 11-14-13.

Submitted by KD8ESH.

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