



**Volume
2008
Number 11
November**

Presidents Corner

With this year coming to a close I'm looking forward, to next year with new Officers in place and the Board, hoping the club will move into it's next faze of operation, and get the new repeaters up and on the air. The new Officers will have a big job on their hand, and with all the experience of the club leaders I have no doubt that we as a club, will do great things that will make the Chicago FM Club the best club to be associated with. As always we ask the club members to get more involved in making decision's. Let your leaders know what your thoughts are, and make them known at club meetings. For those of you who we not able to attend last months club meeting, one of the things we did was to nominate officers for next year and we have closed these nominations. You have a big choice too choose from, all experience in club matters, I'm confident that no matter who you vote for in December, will do a great job. I hope everyone will try to come out to vote. Remember if work is a problem, or for some other reason, you can ask for an absentee ballot. I believe this can be obtain from Dick K9FFY he is listed as the CFMC hot line. .In closing I would like to

mention, the passing of Richards, who is K9FFY, Loving Wife. We are deeply sorry for your loss, and we are here for you if needed. Please keep in mind that K9FFY like many other members has been with the CFMC Club for many years, and in those years he has served this club in good times and bad times. Sincerely Jim WA9EMY



**Happy
Thanksgiving**



***CFMC Meeting – Oct 15th, 2008
Minutes taken by Tina KC9CMO***

The meeting opened at 8PM. The members present introduced themselves.

Tech Committee – Rick W9XB said D-Star should be up soon and the 10M repeater antenna will be put on a 400 ft tower.

Reading of new members – Phil WN9KMA was not present but as a past member was reinstated. 2nd Reading – KB9SIK, KE4MSA, KC9IYY, KB9VR. Present and new member – Andre N9RWG.

Tech Committee – Don W9DMW talked about getting a frequency for D-Star or selling the equipment. Don is trying to get a pair from Wally (IRA) and petition for a pair if no action happens. Don and Rick discussed access to repeater sites. Rick will try to get keys to Don.

Old Business – None

Treasurer's Report – Mike WA9FTS said we have about \$4100 in TCF checking, \$25 in Chase checking, \$10 in WAMU checking and \$1000 in National City checking leaving us with about \$5100 to pay the bills. Nov CDs will be put into Chase account and the TCF account will be closed. We will also get rid of the bank charge for phone bills on the TCF account. Jim WA9EMY said WAMU has a higher rate than Chase. CD interests will be moved monthly into the checking account. Fairground cost will be paid ½ now and the rest in Nov.

Mark WB9QZB is now a VE contact. Stan KN9A has stepped down due to teaching. Sessions will be at 6PM at the Field House and should start in January if no objection by the club. Club membership will be offered for CFMC and the MAC club if a person passes at either club's exam session. Mark asked if there was any objection to linking memberships for passing VE exams. There was none. Rick said he would help teach and Jim will add to Squelch Tale the need for volunteers. Mark will put together the rules/articles for Squelch Tale.

Another item discussed and brought up by Ken KA9TRG was to look at increasing the dues by \$5.00. Jim WA9EMY said we should up the dues for D-Star only. Mark said to keep in mind the increase may have a negative impact. Steve K9VO said considering the economy that D-Star will bring in enough members to help. Jim said other groups charge \$35 for D-Star membership. This topic was just discussed with no decision reached.

Mike WA9FTS will not be handling any part of refreshments at the end of the year and someone needs to step up and do it all.

Mark QB9QZB says we need to have a Sgt at Arms and set rules for that position. Jim WA9EMY said this should be discussed at the next Board Meeting.

2M Repeater – Rick said he has contacted the FCC and specific times are needed to get action. Bob KB9SAR gave times in the morning and other members said they have heard jamming on the weekends. Rick has equipment to record the radio traffic in question.

Nominations of Officers for 2009-2010 – Rick W9XB and Ken KA9TRG for President, Howard K9KTW for VP, Tina KC9CMO and Brian KC9MSG for Secretary and Mike WA9FTS for Treasurer.

Meeting adjourned at 9:29 PM.

***Oct 2m CFMC foxhunt from Tom N9CBA
Mike WA9FTS***

The fox, Tom N9CBA, hid near the pond as indicated on the map. The 3-element yagi antenna was originally set up as horizontal, but it did not hit the repeater that way. The antenna was repositioned to vertical and driven with 15 watt. The antenna boom was supported by some light vegetation about 4.5 feet above the low ground. The starting point was 4.2 miles east of the fox.

First into the area was Chuck KA9KZO. Tony and Joanie reported he was driving out of the parking lot that Tony walked in from, as they first arrived. The other hunters parked in the Stratford Square parking lot to the north. Munch was at the Applebee's about 0.2 miles south of the hiding spot.

1. Tony AA9CC and Joanie 8:43
2. Charlie KB9DIM and Alexis 8:58
3. Don W9RA 9:18
4. Chuck KA9KZO 9:18

ABSENTEE BALLOT

Absentee ballots will be sent out by the Treasurer. His e-mail address is mikeb2006@comcast.net. Requests by phone will **NOT** be accepted. You can request a ballot either by mail to;

Mike Brost WA9FTS 5127 N Monterey Dr
Norridge IL 60706-3245

or his e-mail address. Ballots must be returned by December 14, 2008 to be included in the election.

HAM RADIO HISTORY by Tim, WD9DZV

In a whimsical mood, here is a lighthearted look at the history of Ham Radio.

4 Billion BC- Earth is a swirling ball of flames, Propagation is extremely poor.

1 Billion BC- First dry land appears. It is divided up into grid squares

500 Million BC- Second dry patch of land appears. First DXpedition; DXCC credit disallowed because of questionable licensing agreement.

400 Million BC- Flowering plants and grasses evolve. Rotary beam invented, but sales stall for lack of suitable mounting structures.

300 Million BC- First tree appears and is immediately cut down, stripped of branches, placed in a concrete base and called a tower. Beam sales pick up.

200 Million BC- More beams are sold. Installer falls from top of pole. Safety belt is invented.

100 Million BC- First mountain appears. The repeater is invented.

50 Million BC- CQ is adopted.

4 Million BC- Humans replace swine as the dominant species. The name Ham Operator hangs on, however.

3 Million BC- Dugout canoe invented. Maritime Mobile Net formed on 14.313 Mhz.

2 Million BC to 800 AD- Nothing much happened for a long time.

900 AD- Chinese invent gunpowder. BY1AA is the first "Big Gun" DXer.

1790 AD- Ben Franklin invents the long wire receiving antenna. Ground switch invented.

1961 AD- Second repeater erected. First repeater group refuses to change frequency. First repeater coordinator appointed.

2008 AD- Amateur Radio humor sinks to new low!

SPECTRUM DEFENSE: "MORE WORK TO DO"

Defending and enhancing access to the Amateur Radio spectrum is the primary mission of the ARRL. According to ARRL Chief Executive Officer David Sumner, K1ZZ, the League has not only protected the bands, but has also added several new ones, despite exponential growth in the variety and number of radio frequency devices in the hands of consumers and businesses. "Even our most disappointing defeat -- the loss of the bottom 40 percent of the 220 MHz band some two decades ago -- gave us upgraded status, from shared to exclusive, in the remaining 60 percent of the band," he said.

Sumner said that amateurs will soon have cause to cel-

ebrate: March 29, 2009 marks the date that high-powered international broadcasting stations will be removed from the heart of the 40 meter band. "We are working with the broadcasters to make sure the change takes place as agreed at the 2003 World Radiocommunication Conference (WRC)," Sumner said. "While it's probably too much to expect 100 percent instant compliance, we know that the responsible broadcasters are preparing to move out of the 7100-7200 kHz segment -- doubling the size of the worldwide 40 meter band and making this popular band more useful than it's been in 70 years."

At the WRC in 2007, the Amateur Radio Service earned its first low-frequency (LF) allocation, 135.7-137.8 kHz; however, here in the United States, amateurs will not gain access to this new band automatically when the Final Acts of the conference take effect on January 1, 2009. "We must petition the FCC to implement the allocation, and we know the petition will not be granted without an argument -- because we've been down this road before," Sumner explained. "Twice in the past, the ARRL has sought an LF allocation. Both times our request was opposed by the Utilities Telecom Council (UTC) -- the same organization that has opposed our efforts to protect radio services from Broadband over Power Lines (BPL) <<http://www.arrl.org/tis/info/HTML/plc/>> interference."

Sumner recounted that the ARRL's fight against BPL interference has been going on for six years. "Last year, in the wake of Federal Communications Commission decisions that did not adequately protect licensed radiocommunication services from interference from BPL systems, the ARRL even went to court to challenge the FCC and won!" he said <<http://pacer.cadc.uscourts.gov/common/opinions/200804/06-1343-1112979.pdf>>. "On April 25, the United States Court of Appeals for the District of Columbia Circuit confirmed what the ARRL has been saying for years about how the FCC was handling the BPL interference issue: FCC prejudice tainted the rulemaking process."

On July 9, the Court went one step further, ordering the FCC to pay the ARRL more than \$6000 toward the League's costs in pursuing the appeal. "While this is a tiny fraction of our total investment," Sumner said, "the award affirmed that -- contrary to the 'spin' the FCC had been trying to give to the Court's decision -- the ARRL substantially prevailed in its appeal."

Calling the Court's decision "a tremendous victory for radio amateurs and other licensed users of the radio spectrum -- indeed, for anyone who cares about the federal administrative process," Sumner said that the remand does not guarantee that the FCC will correct its errors. "We face another round of technical arguments," he said. "No doubt the FCC's technical staff, many of whom want to do the right

thing, will remain under heavy pressure to ignore the laws of physics and give preference to wishful thinking once again. When the FCC reopens the BPL proceeding as the Court has ordered, we must leave no room for these technical issues to be settled on anything other than technical grounds. There's more work to do. It is only through the support of thousands of ARRL members and friends that we have managed to come this far. But it took great effort, including our frontal assault on the flawed FCC proceedings, to get their attention. Together we can celebrate all that we have accomplished on the BPL front over the past six years!"

BPL is not the only challenge facing the League, Sumner said, pointing out that preparations for the upcoming WRC in 2011 are already underway. The key WRC-11 issues for Amateur Radio are: * A possible allocation near 500 kHz. This would provide amateur's first access to the lower part of the medium frequency (MF) band. Sumner said a "600 meter" band offers exciting possibilities for reliable roundwave communication through the application of digital signal processing techniques to a portion of the spectrum that is as old as radio itself.

* Defense against a push to allocate spectrum between 3 and 50 MHz for oceanographic radar applications.

* Support of an initiative to provide better protection for radio services against interference from short-range radio devices.

* Consideration of regulatory measures for software-defined radio and cognitive radio systems, which offer both opportunities and threats to existing radio services.

* Selection of agenda items for the WRC to follow tentatively planned for 2015).

"ARRL staff and volunteers are hard at work on your behalf, teaming up with International Amateur Radio Union (IARU) volunteers from around the globe to build the strongest possible case for Amateur Radio at WRC-11," he said, calling on all amateurs to help protect Amateur Radio's precious spectrum. "Once again, your financial commitment to spectrum defense is vital to our ability to protect your access to radio spectrum. Your contribution to the 2009 Spectrum Defense Fund will provide the financial resources required for us to represent you at WRC-11, and to respond when the FCC reacts to the BPL remand decision."

To help in the ARRL's ongoing mission to protect our valuable spectrum, please visit the ARRL Office of Development's Web page. You can also reach ARRL Chief Development Office Mary Hobart, K1MMH at 860-594-0397 or via e-mail <k1mmh@arrl.org>. New special gifts are being offered for contributions, including a new 2009 mug and pin. More details on thank you gifts can be found on the donation form for the Spectrum Defense Fund.

*Here is the attendance from the Oct meeting
at the Field House:*

AB9OP, WA9EMY, WA9FTS, KC9JZM, K9MF, WA9AYQ, KC9KQF, KC9MSG, N9LXF, N9KOJ, W9XB, KC9LRZ, KB9YEK, KA9TRG, KC9CMO, KB9SAR, WA9KOD, N9VKY, N9KTW, KB9AJM, N9RWG, N9CBE, K9VO, W9DMW, K9OG, KE9SJ.

SILENT KEY

We just learned of the passing of one of our long-time members. K9RCN, Ron Kaiser passed away. Our sympathies go out to his family and freinds.

**HAM RADIO BUSINESS:
RADIO OPERATIONS CENTER DIGITAL DESKTOP
FROM CSS**

Turning to the ham radio business scene, Creative Services Software, Inc. has announced the availability of the Radio Operations Center Digital Desktop. Formerly called Pac Term for Kantronics TNCs and P K Term for Timewave and AEA products this new version includes a number of new features and enhancements in addition to re-branding as Creative's' new Radio Operations Center product label. Lots more about Radio Operations Center Digital Desktop is on-line at www.cssincorp.com. (CSS release)

HAM RADIO IN SPACE: ANOTHER UPDATE ON XW-1

We have an update on the upcoming Chinese amateur radio satellite update XW-1. According to Michael Chen BD5RV, the XW-1 will be launched into a Sun synchronous orbit to an altitude: 499 kilometers with an inclination of 98 degrees and an orbital period of 94 minutes. It will be powered by a 16 amp hour Lithium Ion battery that will recharge off solar cells that will be a part of the spacecraft. XW-1's ham radio payload will consist of a Morse beacon operating at 435 MHz plus a linear transponder for 2 meter and 70 centimeter operations and an FM repeater operating crossband from 2 meters also up to 70 centimeters. A digital store and forward transponder on these same bands round out the gear which Chen says will way in at 5 point 2 kilograms. That come out to be about 11 pounds. (ANS)

December 2008

What's Happening This Month at CFMC!

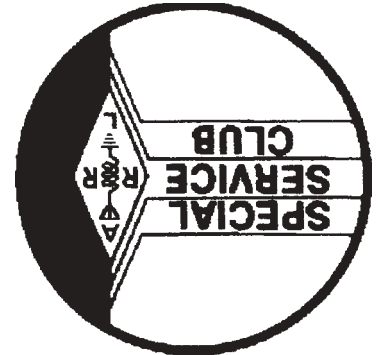
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28 NK9A	29	30 Saturn Net at 8:00pm CFMC Net at 9:00pm on 146.76 MHZ	31 KG9GM N9OGC New Year's Eve	<table border="1"> <thead> <tr> <th colspan="7">November 08</th> <th colspan="7">January 09</th> </tr> <tr> <th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th> <th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th> </tr> </thead> <tbody> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td>1</td> <td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td> </tr> <tr> <td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td> <td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td> </tr> <tr> <td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td> <td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td> </tr> <tr> <td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td> <td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td> </tr> <tr> <td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td> <td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td> </tr> <tr> <td>30</td><td></td><td></td><td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table>			November 08							January 09							S	M	T	W	T	F	S	S	M	T	W	T	F	S							1						1	2	3	2	3	4	5	6	7	8	4	5	6	7	8	9	10	9	10	11	12	13	14	15	11	12	13	14	15	16	17	16	17	18	19	20	21	22	18	19	20	21	22	23	24	23	24	25	26	27	28	29	25	26	27	28	29	30	31	30													
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Members Celebrating Their Birthdays This Month!

*** TBA = To Be Announce**



AFFILIATED CLUB



Address Correction Requested

CHICAGO FM CLUB
PO BOX 47648
CHICAGO, IL 60647

OFFICERS

President

Jim Small WA9EMY

Vice President

Ken Havlick KA9TRG

Secretary

XXXXX XXXXX

Treasurer

Mike Brost WA9FTS

Board of Directors

Tom Stobble KB9AJM

Lynne Bosnyak N9CBE

Andy Ronan N9TGR

Steve Bosnyak K9VO

Rick Duel W9XB

Trustee

Howard Goldberg N9KTW

Chairmen

Field Day N9TGR

Fox Hunts WA9FTS

Ham Help K9FFY

Program/Picnic KB9AJM

Radio Expo W9DMW

Refreshments N9KTW

Squelch Tale K9FFY

Technical W9XB

VE Testing XXXX

CHICAGO FM CLUB

The Chicago FM Club is a not for profit Amateur Radio Club operating the WA9ORC/R repeater systems. Membership is open to all licensed Amateurs and is encouraged of those who use the repeaters. Annual dues are \$25.00 (\$15.00 65 years or older).

For information on the Chicago FM Club and its repeater systems, call the club "Ham Help" line (773) 262-6773 and leave your complete name, address and call sign. Ask for the Info Pack and it will be sent out shortly in the mail or can be sent via e-mail.

SQUELCH TALE

Squelch Tale is the monthly publication of the Chicago FM Club. It is available on an exchange basis or by subscription to anyone outside CFMC's coverage area. Ad space is available. Write for further details. Permission is given to reprint any original Squelch Tale material providing credit is given and "Tale" is not spelled "Tail". We welcome all new information of interest and technical articles. The deadline for publication is the last day of every month. Contact dick6614@sbcglobal.net

REPEATERS

146.16/.76MHZ PL Access 107.2 (1B)

The Transmitter is located on the Aon Center in downtown Chicago with an antenna height of 1200 feet. The eight receiver sites are located in Chicago, Park Ridge, Worth, Waukegan, Barrington, Downers Grove, Lake Calumet and Joliet. Short QSO's are encouraged during morning and evening rush hours. AutoPatch is available to members in good standing. Echolink is available to All. Write for details and access codes. Breakers should be allowed immediate access.

222.50/224.10MHZ Carrier Access

On site located of the Chicago Loop. Breakers should be allowed immediate access.

222.58/224.18MHZ Carrier Access

On site in Worth, IL. Breakers should be allowed immediate access.

448.75/443.75MHZ PL Access 114.8 (2A)

On site at the Aon Center. EchoLink is available to All Breakers should be allowed immediate access.